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CLÁR INNSTE

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Iris um Oifig Maoine Intleachtúla na hÉireann
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Cuid I
Paitinní agus Dearachtaí

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In this Part of the Journal, a reference to a section is to a section of the Patents Act, 1992 unless otherwise stated.

Official Notice

Patent Rules 1992 – Rule 77, – Office Closure

**The Intellectual Property Office of Ireland (IPOI) will be closed for the transaction of business
on Monday 4th May 2026**

Applications for Patents From 16/03/2026 to 31/03/2026

The names of applicants are in alphabetical order. The title of the invention should not be regarded as an exhaustive indication of the subject-matter. The date immediately following the title is that on which the application was filed; in the case of a divisional application, the filing date of the earlier application is added within parentheses. Where the application invokes the Paris Convention, the Convention country and priority date(s) claimed are given in square brackets. Where an application claimed the priority of an earlier application filed at this Office, this information is given within the square brackets. The number is that of the application and should be used for correspondence purposes up to the date of grant of a patent. The letter S preceding the number indicates that the application is for a short-term patent. A new number will be given when a patent is granted and this new number should be quoted in all correspondence subsequent to grant.

AERIAL FAREWELL LTD Apparatus, system and method for the dispersal of cremated remains 26 March 2026	20260156
AMOFBA BAFFOE Secure Cloud-Native Supervisory Infrastructure (SCNSI) for central banks. 21 March 2026	S20260143
BARRY FOLEY Refuse Container Freshening Device with Replaceable Scent Cartridge 21 March 2026	S20260144
BJÖRN ROMAN KOHLBERGER Spectral Compact Training: Memory-Efficient Neural Network Training via Truncated SVD Factorization with Stiefel Manifold Retraction 27 March 2026	S20260159
CARLY ELIZABETH HAMILTON Mascara Applicator 31 March 2026	S20260166
CYPRIAN KUKIELKA Method and System for Interpretable Wave-Based Analysis of Genomic Sequences 29 March 2026	S20260164
DIGITAL REHABILITATION LIMITED A VESTIBULAR REHABILITATION SYSTEM 31 March 2026	20260167
DULLAHAN RESEARCH AND DEVELOPMENT LTD Hand Held Catheter Force Measurement Device 28 March 2026	20260160
EVAGORAS GEORGIOU Rotational Haptic Feedback Device with Variable Magnetic Flux, Centrifugal Fluid Damping and Piezoelectric Energy Harvesting 23 March 2026	S20260147
ISABELLA DOYLE Bríach 23 March 2026	S20260149
JOSE LUIZ ALBERNAZ GOMES JUNIOR IoT Device and System for Remote Building Access Automation in Short-Term Rental Properties 22 March 2026	S20260145
LEON EGAN; AODHÁN FINEGAN Depth-Measuring Shovel with Measurements Cut into the Blade and etched into the Shaft. 25 March 2026	S20260155
MCMULLAN O'DONNELL LTD Method of Testing Coated Glass 25 March 2026 [United Kingdom-21 April 2025]	20260152
NAKUL VYAS SYSTEM AND METHOD FOR COMPUTE-EFFICIENT IMAGE CLASSIFICATION USING SEMANTIC FINGERPRINT SHORTLISTING 27 March 2026	S20260158

NIDAL AL SAID A Hybrid Generative Adversarial Network and Convolutional Neural Network System with Attention Mechanism and Gram Matrix Texture Analysis for Detecting Fake Profile Images 28 March 2026	S20260165
NOEL MAHON Multimodal Hardware-Layer Galvanic Isolation System for Universal Network Security. 16 March 2026 [Ireland-03 March 2026]	20260157
O'HAGAN TRANSPORT LTD Access Platform Assembly for a Load Bed of a Vehicle 23 March 2026 [United Kingdom-07 April 2025]	20260148
PETER JONATHAN CUMPSON Systems and Methods for Dynamic Electromagnetic Mode Randomisation for Protection of Electronic Platforms from Directed Microwave Energy 29 March 2026 [United Kingdom-15 March 2026]	S20260163
RICHARD KELLY BaleTwin — A Bale-Fork-Mounted Dual-Function Probe for Simultaneous Real-Time Measurement of Moisture Content and Bulk Density in Agricultural Bales 19 March 2026	S20260146
ROBERT DE LA POER BERESFORD; EDWIN JEBB VERTILOCK - A Modular Cargo-Securing Platform Utilising an Infinite-Positioning Peg-Grid System for Universal Transport Stabilisation 25 March 2026	S20260153
SOLE IN ONE A detachable traction sole assembly for footwear 23 March 2026	S20260150
STUART FITZGERALD Methods of Use and Methods of Selection for Dual-Target Compounds with NLRP3 Inflammasome Inhibitory and Adenosine Receptor Modulatory Activity for Treatment of Diseases Mediated by Inflammasome Activation and Dysregulated Adenosine Signaling 24 March 2026	20260151
TETHRA LABS LTD Sealed Rarefaction-Triggered Phase-Change Actuator, Hybrid Heat Pump System and Methods of Actuation 28 March 2026	20260162
WILLIAM CARKNER; JOHNNY DOYLE Method and System for Inferring Building Occupancy and Detecting Electrical Anomalies from Per-Outlet Current Signatures Collected Across a Mesh Network of Power Distribution Devices 25 March 2026	S20260154
YUELAI XIN Neural Network Inference with Controlled Parameter Exposure on Untrusted Nodes 28 March 2026	20260161

Applications Published Under Section 28

The following applications become open to public inspection as from the date of this issue of the journal unless otherwise specified. The date given is the date of filing of the application or the earliest priority claimed.

2023	S20230153	JIANGXI AGRICULTURAL UNIVERSITY, Application of apple polyphenols in delaying postharvest deterioration quality of pummelo (<i>Citrus maxima</i> Merr.) fruit. 14 May 2023. Int. Cl. (2025.01) A23B 7/00 .
2023	20230563	ADRIAN LUCACI, Sparring Bag Partner. 10 December 2023. Int. Cl. (2025.01) A63B 69/00 .
2025	20250232	LF FASTHOUSE LTD, WALL PANEL ASSEMBLY AND WALL PANEL FOR USE IN A WALL PANEL ASSEMBLY. 29 May 2024. Int. Cl. (2025.01) E04C 2/00 .
2025	20250234	Evac+Chair International Limited, A RETAINING APPARATUS. 30 May 2024. Int. Cl. (2025.01) A61G 3/00 .
2025	20250259	CHEMICAL SERVICES LTD., Filter. 20 June 2024. Int. Cl. (2025.01) A47J 37/00; B01D 29/00; C11B 3/00 .
2025	20250395	DROMONE ENGINEERING LIMITED, A quick hitch coupler engagement system. 16 September 2024. Int. Cl. (2025.01) E02F 3/00; E02F 9/00 .

Applications Under Section 127A Published Under Section 28

The following applications made pursuant to Section 127A are accorded the Treaty publication date of that application. These become open to public inspection as of from the date given in bold square brackets.

2025	20250449	DALIAN MINZU UNIVERSITY, ANTINEOPLASTIC PRODRUG AND ITS PREPARATION METHOD AND APPLICATIONS. 06 September 2024. Int. Cl. (2025.01) C07H 19/00; C07H 1/00; A61K 31/00; A61K 47/00; A61P 35/00 . [Published on 12 March 2026]
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Patents Granted Under Section 34

The number of a patent is given in heavy type; the letter S preceding the number indicates a short-term patent. The code numbers following the title of each invention are those of the International Patent Classification. The date of filing the application follows the proprietor's name. The patent application number, which follows the date of application in parenthesis, has been superseded by the patent number. In the case of an application claiming the priority of an earlier application, the name of the country where the earlier application was made and the date of the earlier application are shown in square brackets.

87706	OBI CHARACTER CLASSIFICATION METHOD BASED ON KEY POINT DETECTION. Int. Cl. (2025.01) G06V 30/00 . QUFU NORMAL UNIVERSITY 15 May 2024 (20240282) [China-24 August 2023]
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Patents Granted Under European Patent Convention Designating Ireland

The Irish serial number appears first followed, respectively, by the proprietor's name, the date of filing of the application, the filing number and the European Patent Office publication number.

If the specification of the European patent was published in French or German the word 'French' or 'German', as appropriate, will appear as the last item of information. In such cases, it is necessary to file a translation in English and pay the prescribed fee, within six months of the publication date of the grant, in order that the patent may continue to have effect.

Grants Published in EPO Bulletin No. 13/26, dated 2026-03-25

2436620	Casepick Systems, LLC	12/04/2010	2436620	11190634.3	
2543928	Thunder Host Limited	18/05/2012	2543928	12250110.9	
2564279	Valmet Flow Control Oy	30/04/2010	2564279	10850613.0	
2640403	Accelerated BioSciences Corp.	15/11/2011	2640403	11842036.3	
2675564	Metso Finland Oy	15/02/2011	2675564	11711110.4	
2785640	VELOX FLOW, LLC	11/11/2012	2785640	12847080.4	
2795144	Thales Nederland B.V.	17/12/2012	2795144	12809755.7	
2857820	Nikon Corporation	29/05/2013	2857820	13797892.0	
2914809	Welltec Manufacturing Center Completions ApS	30/10/2013	2914809	13786216.5	
2935588	Philip Morris Products S.A.	19/12/2013	2935588	13817681.3	
2943564	International Stem Cell Corporation	08/01/2014	2943564	14737659.4	
2978141	Huawei Technologies Co., Ltd.	27/03/2013	2978141	13880120.4	
3008477	Schneider Electric IT Corporation	12/06/2013	3008477	13886732.0	
3044615	Corning Incorporated	12/09/2014	3044615	14771740.9	
3045161	Symrise AG	18/01/2015	3045161	15151564.0	
3068124	Huawei Device Co., Ltd.	04/12/2014	3068124	14867399.9	
3068442	The Royal Institution for the Advancement of Learning / McGill University	14/11/2014	3068442	14862662.5	
3095201	Qualcomm Incorporated	08/01/2015	3095201	15701614.8	
3099651	Saudi Basic Industries Corporation	28/01/2015	3099651	15705097.2	
3147675	Schneider Electric Industries SAS	22/08/2016	3147675	16185073.0	French
3149282	SAFRAN AIRCRAFT ENGINES	26/05/2015	3149282	15732800.6	French
3157408	Alcon Inc.	17/06/2015	3157408	15809149.6	
3160900	Arkema France	26/06/2015	3160900	15753713.5	French
3161046	Covestro Deutschland AG	25/06/2015	3161046	15731068.1	German
3174828	Amorphical Ltd.	30/07/2015	3174828	15826819.3	
3196987	Junkosha Inc.	16/09/2015	3196987	15841350.0	
3201048	Valeo Vision	15/09/2015	3201048	15763024.5	French
3206556	Intuitive Surgical Operations, Inc.	16/10/2015	3206556	15849881.6	
3206800	Metso Finland Oy	12/10/2015	3206800	15787648.3	
3220852	Boehringer Ingelheim Vetmedica GmbH	19/11/2015	3220852	15808345.1	
3224284	Univation Technologies, LLC	24/11/2015	3224284	15808309.7	
3248691	Precision Valve & Automation, Inc.	02/05/2017	3248691	17169061.3	
3262775	Intel Corporation	01/02/2016	3262775	16756039.0	
3272133	Nokia Technologies Oy	14/03/2016	3272133	16767806.9	
3287426	Zeon Corporation	14/04/2016	3287426	16783089.2	
3290640	RTX Corporation	31/08/2017	3290640	17188824.1	
3292599	Microsoft Technology Licensing, LLC	15/06/2016	3292599	16738247.2	
3299420	Momentive Performance Materials Japan LLC	18/05/2016	3299420	16799895.4	
3316686	Basf Agro B.V. Arnhem (NL)	29/06/2016	3316686	16818677.3	
3322473	Avent, Inc.	15/07/2016	3322473	16744633.5	
3327661	Sony Group Corporation	09/05/2016	3327661	16827489.2	
3328272	Royal Melbourne Institute of Technology	27/07/2016	3328272	16829499.9	
3330726	Kabushiki Kaisha Toshiba	31/07/2015	3330726	15837169.0	
3331821	Monolith Materials, Inc.	05/08/2016	3331821	16835697.0	

3333524	STELA Laxhuber GmbH	08/12/2017	3333524	17206062.6	German
3334247	Goodrich Corporation	08/12/2017	3334247	17206115.2	
3337895	Monsanto Technology LLC	19/08/2016	3337895	16839873.3	
3342668	Hyundai Motor Company Kia Corporation	05/12/2017	3342668	17205444.7	
3343166	Sony Interactive Entertainment Inc.	26/09/2016	3343166	16851389.3	
3346842	Novonosis Plant Biosolutions A/S	07/09/2016	3346842	16766773.2	
3353595	Essilor International	08/09/2016	3353595	16774519.9	French
3355251	Fiery, LLC	30/09/2011	3355251	18160032.1	
3359074	Mayo Foundation for Medical Education and Research	07/10/2016	3359074	16854413.8	
3359776	Landmark Graphics Corporation	09/10/2015	3359776	15905962.5	
3362171	Honeywell International Inc.	14/10/2016	3362171	16856296.5	
3365691	Texas Instruments Incorporated	24/10/2016	3365691	16858444.9	
3368557	Affibody AB	28/10/2016	3368557	16790553.8	
3368560	Spark Therapeutics, Inc.	31/10/2016	3368560	16861065.7	
3371329	President and Fellows of Harvard College	03/11/2016	3371329	16862945.9	
3379739	Electronics and Telecommunications Research Institute	24/11/2010	3379739	18167542.2	
3380518	Annexon, Inc.	23/11/2016	3380518	16869264.8	
3381450	Aquestive Therapeutics, Inc.	04/05/2012	3381450	18171984.0	
3384907	Chait Auerbach, Jaime Samuel	02/12/2016	3384907	16871109.1	
3386436	Novothelium, LLC	09/12/2016	3386436	16874013.2	
3386674	Nike Innovate C.V.	07/12/2016	3386674	16816835.9	
3387398	Teledyne Flir, LLC	09/12/2016	3387398	16865280.8	
3387657	DBK David + Baader GmbH	09/12/2016	3387657	16810326.5	German
3388878	OFS Fitel, LLC (a Delaware Limited Liability Company)	10/04/2018	3388878	18166642.1	
3389348	Samsung Electronics Co., Ltd.	12/04/2018	3389348	18166959.9	
3389392	Société des Produits Nestlé S.A.	22/11/2016	3389392	16800927.2	
3389733	S.C. Johnson & Son, Inc.	15/11/2016	3389733	16805939.2	
3390377	PTC Therapeutics, Inc.	16/12/2016	3390377	16826530.4	
3393846	Sew-Eurodrive GmbH & Co. KG	06/12/2016	3393846	16809291.4	German
3394951	Vito NV	21/12/2016	3394951	16826328.3	
3395245	Gil Medical Center Gachon University of Industry-Academic Cooperation Foundation	16/11/2016	3395245	16879182.0	
3395385	PHC Holdings Corporation	13/12/2016	3395385	16878481.7	
3397151	Synphne Pte Ltd.	14/10/2016	3397151	16855860.9	
3397308	ACIST Medical Systems, Inc.	21/12/2016	3397308	16819545.1	
3397645	Innate Pharma	20/12/2016	3397645	16826025.5	
3405775	Bühler UK Limited	23/01/2017	3405775	17700867.9	
3410068	Wipro Limited	20/12/2017	3410068	17209089.6	
3410816	HTC Corporation	30/05/2018	3410816	18175174.4	
3415722	RTX Corporation	12/06/2018	3415722	18177263.3	
3416178	Hitachi Energy Ltd	13/06/2017	3416178	17175797.4	
3416926	Pulsedeon Oy	07/02/2017	3416926	17715510.8	
3421692	Access Solutions Holding B.V.	14/07/2010	3421692	18185730.1	German
3423425	Sulvaris Inc.	28/02/2017	3423425	17759034.6	
3423506	DOW GLOBAL TECHNOLOGIES LLC	01/03/2017	3423506	17712879.0	
3425594	Bundesdruckerei GmbH	03/07/2018	3425594	18181309.8	German
3426312	Ossio Ltd. Preiss-Bloom, Orahn	07/03/2017	3426312	17763876.4	
3428577	Qualcomm Auto Ltd.	12/07/2017	3428577	17181013.8	
3434019	Nokia Technologies Oy	17/03/2017	3434019	17769511.1	
3436862	Apple Inc.	28/03/2017	3436862	17715892.0	
3439550	Covidien LP	04/04/2017	3439550	17779676.0	
3442887	S.I.P.A. Società Industrializzazione Progettazione e Automazione S.p.A.	14/04/2017	3442887	17726689.7	
3443150	TreeToTextile AB	12/04/2017	3443150	17717681.5	
3445369	Eip Pharma, LLC	21/04/2017	3445369	17786786.8	

3449899	AJINOMOTO CO., INC.	25/04/2017	3449899	17789561.2	
3451850	Wool Research Organisation of New Zealand Incorporated	02/05/2017	3451850	17792937.9	
3452435	Advanced Biological Marketing, Inc.	02/05/2016	3452435	16901120.2	
3453523	T&R Biofab Co., Ltd.	02/05/2017	3453523	17792906.4	
3458491	BASF SE	18/05/2017	3458491	17723418.4	
3458499	Momentive Performance Materials Inc.	27/06/2017	3458499	17740517.2	
3459242	LG Electronics Inc.	05/09/2016	3459242	16902516.0	
3459425	FUJIFILM Corporation	22/08/2018	3459425	18190235.4	
3463551	Duke University	01/06/2017	3463551	17807521.4	
3463626	GE Vernova Technology GmbH	19/05/2017	3463626	17724558.6	
3464492	Sun Chemical Corporation	22/05/2017	3464492	17803361.9	
3465088	Volkswagen Aktiengesellschaft	27/04/2017	3465088	17721593.6	German
3466363	Biosense Webster (Israel) Ltd.	01/03/2013	3466363	18207208.2	
3469929	China Tobacco Hunan Industrial Co., Ltd.	16/12/2016	3469929	16913424.4	
3471068	Bundesdruckerei GmbH	02/10/2018	3471068	18198121.8	German
3471484	Huawei Technologies Co., Ltd.	23/05/2017	3471484	17838401.2	
3471753	Kymab Limited	20/06/2017	3471753	17734405.8	
3472825	Barco N.V.	16/06/2017	3472825	17736577.2	
3474042	Kuraray Co., Ltd.	16/06/2017	3474042	17815296.3	
3474113	Kawasaki Jukogyo Kabushiki Kaisha	08/06/2017	3474113	17813219.7	
3474921	Mozarc Medical US LLC	23/06/2016	3474921	16905853.4	
3475441	Becton, Dickinson and Company	26/06/2017	3475441	17821016.7	
3479516	Motorola Mobility LLC	29/09/2017	3479516	17785108.6	
3479693	Everris International B.V.	01/11/2017	3479693	17199572.3	
3482820	Kakuichi Co., Ltd.	17/11/2016	3482820	16910604.4	
3483098	Rite-Hite Holding Corporation	17/09/2010	3483098	18213082.3	
3484630	Dürr Systems AG	03/07/2017	3484630	17734742.4	German
3485726	Amorepacific Corporation	10/07/2017	3485726	17827898.2	
	Chungbuk National University Industry-Academic Cooperation Foundation				
3487200	Bundesdruckerei GmbH	29/10/2018	3487200	18203101.3	German
3487494	Unilever Global IP Limited	13/07/2017	3487494	17739289.1	
3488239	Verily Life Sciences LLC	21/07/2017	3488239	17748996.0	
3493271	INTEL Corporation	30/10/2018	3493271	18203563.4	
3493493	Huawei Technologies Co., Ltd.	12/08/2016	3493493	16912337.9	
3494197	Greyrock Technology, LLC	26/07/2017	3494197	17837334.6	
3494213	Wake Forest University Health Sciences	04/08/2017	3494213	17837743.8	
3494515	Siemens Electronic Design Automation GmbH	08/09/2017	3494515	17817869.5	
3494646	Nokia Technologies Oy	20/07/2017	3494646	17833635.0	
3497830	Panasonic Intellectual Property Corporation of America	12/06/2017	3497830	17728239.9	
3498042	Telefonaktiebolaget LM Ericsson (publ)	14/08/2017	3498042	17788282.6	
3498857	AMGEN, INC.	11/06/2013	3498857	18203126.0	
3504251	The Regents of the University of Colorado a Body Corporate	23/08/2017	3504251	17844337.0	
3506286	Ethicon LLC	11/09/2018	3506286	18193616.2	
3506883	Institut National de la Santé et de la Recherche Médicale (INSERM) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) Université Paris Cité Assistance Publique - Hôpitaux de Paris Ecole Nationale Supérieure de Chimie de Paris Université de Versailles Saint-Quentin-en-Yvelines	31/08/2017	3506883	17758206.1	
3511986	Infineon Technologies Austria AG	16/01/2018	3511986	18151843.2	
3514826	INTEL Corporation	30/10/2018	3514826	18203572.5	
3515744	Schaeffler Technologies AG & Co. KG	22/09/2017	3515744	17778434.5	
3516798	Microsoft Technology Licensing, LLC	15/09/2017	3516798	17772581.9	

3520021	King's College London	29/09/2017	3520021	17780181.8	
3520583	Jabil Inc.	03/11/2017	3520583	17867399.2	
3523017	Nufiltration Ltd.	29/09/2017	3523017	17785032.8	
3524021	Nokia Technologies Oy	10/10/2016	3524021	16787486.6	
3525619	Colgate-Palmolive Company	13/11/2017	3525619	17805363.3	
3527892	Foshan Shunde Midea Electrical Heating Appliances Manufacturing Co., Limited	28/02/2018	3527892	18773063.5	
3528081	Autel Robotics Co., Ltd.	26/12/2017	3528081	17842281.2	
3529123	Rail Vision Ltd	19/10/2017	3529123	17862602.4	
3532090	Cho Pharma Inc Academia Sinica	23/08/2017	3532090	17844364.4	
3532168	Colgate-Palmolive Company	16/11/2016	3532168	16805246.2	
3533863	Samsung Bioepis Co., Ltd.	26/10/2017	3533863	17864795.4	
3534910	Pop Test Oncology LLC	03/10/2017	3534910	17858992.5	
3535694	Entrust Datacard Corporation	02/11/2017	3535694	17867907.2	
3536019	Nokia Technologies Oy	04/11/2016	3536019	16920830.3	
3537970	Vivid Surgical Pty Ltd	14/11/2017	3537970	17869979.9	
3538077	Dompé farmaceutici S.p.A.	13/11/2017	3538077	17800811.6	
3541859	H&S Anlagentechnik GmbH	16/11/2017	3541859	17801679.6	German
3542344	PureLiFi Limited	12/01/2018	3542344	18700824.8	
3547506	Panasonic Intellectual Property Management Co., Ltd.	22/11/2017	3547506	17872916.6	
3550575	O.T.I. CO., LTD.	30/11/2017	3550575	17875577.3	
3552926	AUMOVIO Autonomous Mobility Germany GmbH	09/04/2018	3552926	18166219.8	
3554462	Société d'Exploitation de Produits pour les Industries Chimiques SEPPIC TotalEnergies OneTech	12/12/2017	3554462	17822400.2	French
3554809	Benecke-Kaliko GmbH	04/12/2017	3554809	17811905.3	German
3558496	Tiffany, Henry D. III Bryant, Steven Clark, Gregory A. De Clare, Brian H. Pope, Gary A.	20/12/2017	3558496	17884676.2	
3559474	Ziehl-Abegg SE	30/11/2017	3559474	17828648.0	German
3559936	Aptiv Technologies AG	18/12/2017	3559936	17887023.4	
3562841	F. Hoffmann-La Roche AG	19/12/2017	3562841	17821604.0	
3564914	Marbeuf Conseil et Recherche	30/04/2019	3564914	19172056.4	French
3566023	Google LLC	04/08/2017	3566023	17757948.9	
3568749	Groq, Inc.	10/01/2018	3568749	18738977.0	
3570831	Alpha-1 Biologics LLC	18/01/2018	3570831	18713055.4	
3570914	SANOFI	22/01/2018	3570914	18702629.9	
3571013	3M Innovative Properties Company	10/01/2018	3571013	18742185.4	
3571284	Vaxa Technologies Ltd.	18/01/2018	3571284	18741822.3	
3571360	Thermal Ceramics De France	18/01/2018	3571360	18702153.0	
3571414	Edwards Limited	11/01/2018	3571414	18700813.1	
3572280	STANLEY ELECTRIC CO., LTD.	23/05/2019	3572280	19176298.8	
3579829	Fresenius Kabi Deutschland GmbH	06/02/2018	3579829	18703972.2	
3581174	Universidade de Santiago de Compostela	08/02/2018	3581174	18750777.7	
3583951	Kyoto University	20/02/2018	3583951	18754512.4	
3587226	Yamaha Hatsudoki Kabushiki Kaisha	03/04/2018	3587226	18784811.4	
3589013	ZTE Corporation	09/07/2013	3589013	19176823.3	
3591127	Gustavsberg AB	27/06/2019	3591127	19182761.7	
3591816	Mitsubishi Electric Corporation	01/03/2017	3591816	17898389.6	
3595778	The Procter & Gamble Company	13/03/2018	3595778	18713117.2	
3603701	Terumo Kabushiki Kaisha	15/03/2018	3603701	18777947.5	
3603776	SUMITOMO CHEMICAL COMPANY, LIMITED	21/09/2018	3603776	18863682.3	
3605268	Otto Ganter GmbH & Co. KG Normteilefabrik	05/06/2019	3605268	19178332.3	German
3606471	Medtronic Vascular, Inc.	02/04/2018	3606471	18722263.3	
3607368	Indigo Diabetes N.V.	30/03/2018	3607368	18713284.0	

3608718	Tekscend Photomask Corp.	02/04/2018	3608718	18781333.2	
3609042	Murata Manufacturing Co., Ltd.	06/04/2018	3609042	18781339.9	
3609404	F. Hoffmann-La Roche AG	12/04/2018	3609404	18784584.7	
3609925	Videojet Technologies Inc.	12/04/2018	3609925	18783985.7	
3610858	Daewoong Pharmaceutical Co., Ltd. Liaoning Daewoong Pharmaceutical Co., Ltd.	12/04/2018	3610858	18784969.0	
3611703	Blue Eclipse, LLC	13/08/2019	3611703	19191507.3	
3613088	Everspin Technologies, Inc.	20/04/2018	3613088	18723639.3	
3613209	T-Mobile USA, Inc.	22/06/2018	3613209	18821601.4	
3614316	Tencent Technology (Shenzhen) Company Limited	22/11/2018	3614316	18887768.2	
3614515	Yazaki Systems Technologies GmbH	23/08/2019	3614515	19193263.1	German
3614934	C. R. Bard, Inc.	28/04/2017	3614934	17906920.8	
3616637	Erbe Elektromedizin GmbH	29/08/2018	3616637	18191442.5	German
3617995	Tencent Technology (Shenzhen) Company Limited	11/12/2018	3617995	18887537.1	
3618873	Sweet Sense Inc.	07/09/2018	3618873	18855104.8	
3620062	MAGNUM IP HOLDINGS B.V.	28/06/2016	3620062	19205502.8	
3621451	Omya International AG	09/05/2018	3621451	18723528.8	
3623854	Prysmian S.p.A.	06/09/2019	3623854	19195853.7	
3624461	HUAWEI TECHNOLOGIES CO., LTD.	31/01/2018	3624461	18809706.7	
3624594	Kerry Group Services International Ltd	15/05/2018	3624594	18725466.9	
3625927	Hewlett-Packard Development Company, L.P.	12/07/2017	3625927	17917389.3	
3627188	Trimble Inc.	21/09/2018	3627188	18196017.0	
3627363	Vocalink International Limited	19/09/2018	3627363	18195366.2	
3629030	SYSMEX CORPORATION	24/09/2019	3629030	19199220.5	
3629408	Contemporary Amperex Technology (Hong Kong) Limited	17/04/2019	3629408	19169779.6	
3630147	Amgen Inc.	01/06/2018	3630147	18733107.9	
3630986	University of Southern California The Research Institute of the McGill University Health Centre The Trustees of The University of Pennsylvania	31/05/2018	3630986	18810330.3	
3631415	The General Hospital Corporation	04/06/2018	3631415	18809988.1	
3631482	Omicron Energy Solutions GmbH	23/05/2018	3631482	18728820.4	German
3640963	TE Connectivity Austria GmbH	15/10/2018	3640963	18200458.0	
3641132	High-Reliability Engineering & Components Corporation Japan Aerospace Exploration Agency	16/05/2018	3641132	18817046.8	
3641742	Ketabon GmbH	22/06/2018	3641742	18732101.3	
3642276	Dow Global Technologies LLC	18/06/2018	3642276	18733781.1	
3643061	Huawei Technologies Co. Ltd.	05/07/2017	3643061	17764921.7	
3643981	Mitsubishi Electric Corporation	12/06/2017	3643981	17913655.1	
3644637	Koninklijke Philips N.V.	22/10/2018	3644637	18201791.3	
3644757	Firmenich SA	26/06/2018	3644757	18732120.3	
3646306	ORANGE	22/06/2018	3646306	18749447.1	French
3646981	Doceram GmbH	15/10/2019	3646981	19203255.5	German
3648066	JVCKENWOOD Corporation	21/12/2017	3648066	17915969.4	
3648345	Huawei Technologies Co., Ltd.	20/07/2018	3648345	18835340.3	
3649216	Chevron U.S.A. Inc.	07/06/2018	3649216	18742842.0	
3650076	Abiomed Europe GmbH	04/07/2014	3650076	19170182.0	
3651541	HTC Corporation	17/10/2018	3651541	19217670.9	
3652490	Vertiv S.r.l.	13/07/2018	3652490	18740830.7	German
3653593	Goodrich Corporation	05/11/2019	3653593	19207148.8	
3653978	Samsung Electronics Co., Ltd.	28/08/2018	3653978	18849570.9	
3655716	Dryair, LLC	17/07/2018	3655716	18749984.3	
3655776	Avectas Limited	18/07/2018	3655776	18785425.2	
3657470	GE Aviation Systems Limited	09/11/2019	3657470	19208211.3	
3657830	INTEL Corporation	05/10/2015	3657830	20151776.0	

3657955	Coors Brewing Company	27/07/2018	3657955	18839209.6	
3658040	CONMED Corporation	24/07/2018	3658040	18752935.9	
3658156	Geron Corporation	27/07/2018	3658156	18755608.9	
3659148	Koninklijke Philips N.V.	24/07/2018	3659148	18749313.5	
3661886	Vitro Flat Glass LLC	02/08/2018	3661886	18756112.1	
3662855	Biosense Webster (Israel) Ltd.	06/12/2019	3662855	19214230.5	
3664048	BRUNSWICK CORPORATION	02/12/2019	3664048	19212916.1	
3665513	Jaiswal, Supriya	08/08/2018	3665513	18844089.5	
3665747	TE Connectivity Germany GmbH	07/08/2018	3665747	18752478.0	
3667603	Snap Inc.	27/04/2018	3667603	19206595.1	
3667726	LG Display Co., Ltd.	09/12/2019	3667726	19214508.4	
3668319	Children's Medical Center Corporation	15/08/2018	3668319	18846662.7	
3668332	RAI Strategic Holdings, Inc.	16/08/2018	3668332	18759422.1	
3671614	Mastercard International Incorporated	18/12/2018	3671614	18213763.8	
3672799	Kuraray Europe GmbH	01/08/2018	3672799	18749789.6	
3673678	Samsung Electronics Co., Ltd.	15/10/2018	3673678	18866020.3	
3675777	Smith & Nephew, Inc.	30/08/2018	3675777	18779842.6	
3679813	KT&G Corporation	14/06/2018	3679813	18853434.1	
3680334	Beijing Tide Pharmaceutical Co., Ltd.	07/09/2018	3680334	18853084.4	
3683208	LG CHEM, LTD.	23/05/2019	3683208	19807908.9	
3683282	Avery Dennison Corporation	17/01/2020	3683282	20152528.4	
3684459	MED-EL Elektromedizinische Geraete GmbH	12/11/2018	3684459	18876585.3	
3685766	Ethicon LLC	21/12/2017	3685766	20164138.8	
3685800	AJL Ophthalmic, S.A.	22/01/2019	3685800	19382042.0	
	Fundación de Investigación Oftalmológica Fernández -Vega				
3686682	Canon Kabushiki Kaisha	21/09/2018	3686682	18857720.9	
3686783	StradVision, Inc.	31/12/2019	3686783	19220179.6	
3687355	Knoll Jun, Alexander	27/09/2018	3687355	18780091.7	German
3688349	Les Robinets Presto	21/09/2018	3688349	18774024.6	French
3689976	KCC Corporation	19/09/2018	3689976	18861432.5	
3690252	White Knight Fluid Handling Inc.	30/01/2020	3690252	20154520.9	
3691668	Murck, Harald	20/09/2018	3691668	18864504.8	
3692003	Corning Incorporated	05/10/2018	3692003	18792821.3	
3693500	Innovatec Microfibre Technology GmbH & Co. KG	28/08/2019	3693500	19000390.5	German
3696198	Kuraray Noritake Dental Inc.	10/10/2018	3696198	18865886.8	
3696552	Hitachi High-Tech Corporation	06/07/2018	3696552	18865969.2	
3696882	LG Energy Solution, Ltd.	25/01/2019	3696882	19822859.5	
3698188	INTEL Corporation	21/12/2018	3698188	18829952.3	
3698760	Beijing AK Medical Co., Ltd.	17/01/2019	3698760	19863968.4	
3699786	JFE Steel Corporation	30/07/2018	3699786	18868721.4	
3701497	Magic Leap, Inc.	25/10/2018	3701497	18870487.8	
3701738	NEC Corporation	10/05/2019	3701738	19803980.2	
3702185	Ningbo Joysonquin Automotive Systems Holding Co., Ltd	20/08/2019	3702185	19192496.8	
3703716	California Institute of Technology	01/11/2018	3703716	18873220.0	
3710140	Fresenius Medical Care Deutschland GmbH	12/11/2018	3710140	18811154.6	German
3710316	Pylon Manufacturing Corp.	16/11/2018	3710316	18878616.4	
3710428	Calico Life Sciences LLC	02/11/2018	3710428	18811984.6	
	AbbVie Inc.				
3710458	Principia Biopharma Inc.	14/11/2018	3710458	18822543.7	
3713011	HUAWEI TECHNOLOGIES CO., LTD.	29/12/2017	3713011	17935863.5	
3713933	H. Lundbeck A/S	23/11/2018	3713933	18815537.8	
3714342	Yunex GmbH	28/12/2017	3714342	17936221.5	
3715462	Kangma-Healthcode (Shanghai) Biotech Co., Ltd	13/12/2017	3715462	17932666.5	
3717886	3M Innovative Properties Company	27/11/2018	3717886	18884485.6	
3718062	Universal City Studios LLC	22/10/2018	3718062	18797494.4	
3718322	Metrc, LLC	03/12/2018	3718322	18883182.0	

3719197	IHI Corporation National University Corporation Yokohama National University Japan Fine Ceramics Center	26/11/2018	3719197	18880668.1	
3719872	LG Energy Solution, Ltd.	23/07/2019	3719872	19841784.2	
3720529	Fisher&Paykel Healthcare Limited	07/12/2018	3720529	18885477.2	
3720872	IP2IPO Innovations Limited	04/12/2018	3720872	18815334.0	
3721117	GKN Automotive Limited	07/12/2017	3721117	17934265.4	
3721287	Essilor International	05/12/2018	3721287	18814594.0	
3721465	Applied Materials, Inc.	04/12/2018	3721465	18887190.9	
3722529	Hoffmann, Walter	07/04/2020	3722529	20168526.0	German
3723900	BASF Corporation	10/12/2018	3723900	18836740.3	
3726026	RTX Corporation	15/04/2020	3726026	20169714.1	
3726268	Commissariat à l'Energie Atomique et aux Energies Alternatives	16/04/2020	3726268	20169780.2	French
3727529	SANOFI	17/12/2018	3727529	18815742.4	
3728557	BASF SE	07/12/2018	3728557	18815665.7	
3729022	ams-OSRAM AG	20/12/2018	3729022	18829453.2	
3732473	Kautex Textron GmbH & Co. KG	13/12/2018	3732473	18833845.3	German
3732505	NEC Corporation	28/12/2017	3732505	17936574.7	
3732782	QUALCOMM INCORPORATED	21/12/2018	3732782	18837050.6	
3732799	Lenovo (Singapore) Pte. Ltd.	27/12/2018	3732799	18852719.6	
3735001	Airbus DS SLC	27/04/2020	3735001	20171651.1	French
3735034	Huawei Technologies Co., Ltd.	12/12/2016	3735034	20152573.0	
3736731	Elan Microelectronics Corporation	03/02/2020	3736731	20155253.6	
3737994	Tectus Corporation	30/05/2018	3737994	18919883.1	
3738630	SANOFI	16/02/2012	3738630	20184523.7	
3739379	Sony Group Corporation	17/05/2017	3739379	20178342.0	
3739440	Huawei Cloud Computing Technologies Co., Ltd.	07/09/2018	3739440	18904134.6	
3739648	LG Energy Solution, Ltd.	11/07/2019	3739648	19837484.5	
3739857	ZTE Corporation	27/12/2018	3739857	18898233.4	
3740004	China Academy Of Information And Communications	11/01/2019	3740004	19738562.8	
3740354	Toyota Research Institute, Inc.	14/01/2019	3740354	19702796.4	
3741923	Thor G. Christensen Holding ApS	19/05/2020	3741923	20175458.7	
3743033	Gomez, David J.	31/01/2019	3743033	19747863.9	
3743130	AdjuCor GmbH	15/01/2019	3743130	19701061.4	German
3743767	Hewlett-Packard Development Company, L.P.	02/07/2018	3743767	18925310.7	
3744180	Charal	26/05/2020	3744180	20176615.1	French
3744259	Ethicon LLC	23/12/2014	3744259	20181753.3	
3745358	Tencent Technology (Shenzhen) Company Limited	24/06/2019	3745358	19853856.3	
3745757	HUAWEI TECHNOLOGIES CO., LTD.	21/01/2019	3745757	19753947.1	
3745951	University Health Network	01/02/2019	3745951	19746801.0	
3747275	ODC Lizenz AG	04/06/2019	3747275	19178069.1	
3748826	Kabushiki Kaisha Yaskawa Denki	02/02/2018	3748826	18903189.1	
3750126	Winnov Solutions Limited	07/02/2019	3750126	19711651.0	
3750732	ArvinMeritor Technology, LLC	02/08/2018	3750732	20186884.1	
3751093	JMC Geothermal Engineering Co., Ltd. INPEX DRILLING CO., LTD. NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY The University Of Tokyo Tohoku University	31/01/2019	3751093	19748135.1	
3752030	Kellanova	13/02/2019	3752030	19709168.9	
3752831	Intelligent Fingerprinting Limited	13/02/2019	3752831	19707068.3	
3758093	Ethicon LLC	26/06/2020	3758093	20182439.8	
3758509	Firmenich SA	30/07/2019	3758509	19748801.8	
3759841	Lumeova, Inc	18/02/2019	3759841	19757097.1	

3762656	Femas Metal Sanayi Ve Ticaret Anonim Sirketi	14/02/2019	3762656	19822368.7	
3764317	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/06/2020	3764317	20180892.0	
3764541	Chipbond Technology Corporation	27/09/2019	3764541	19200015.6	
3764587	Huawei Cloud Computing Technologies Co., Ltd.	10/04/2019	3764587	19785211.4	
3766114	Polymorph Quantum Energy Sarl	12/03/2019	3766114	19766551.6	
3766928	BASF SE	21/09/2018	3766928	20184501.3	German
3768097	Kellanova	19/03/2019	3768097	19716029.4	
3769595	R. STAHL Schaltgeräte GmbH	29/11/2018	3769595	18807640.0	German
3770766	Robert Bosch GmbH	25/06/2020	3770766	20182193.1	German
3771037	Delta Electronics, Inc.	04/11/2019	3771037	19206962.3	
3771103	Ecole Polytechnique Fédérale de Lausanne (EPFL)	27/07/2010	3771103	20179005.2	
3771170	HUAWEI TECHNOLOGIES CO., LTD.	12/09/2019	3771170	19862767.1	
3774456	Huf Hülsbeck & Fürst GmbH & Co. KG	11/04/2019	3774456	19720426.6	German
3774540	B/E Aerospace, Inc.	25/03/2019	3774540	19716659.8	
3774674	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	10/04/2019	3774674	19715527.8	French
3775471	ConocoPhillips Company	26/03/2019	3775471	19777723.8	
3775919	Koninklijke Philips N.V.	10/04/2019	3775919	19715509.6	
3776057	ESSILOR INTERNATIONAL	04/04/2019	3776057	19715481.8	
3776167	FA-TECH DIAGNOSTICS ITALIA S.R.L.	24/01/2019	3776167	19703256.8	
3776308	Université du Luxembourg	17/05/2019	3776308	19723827.2	
3777079	Nokia Technologies Oy	08/04/2019	3777079	19717460.0	
3777390	QUALCOMM Incorporated	25/02/2019	3777390	19710861.6	
3778166	Mitsubishi Chemical Corporation	29/03/2019	3778166	19781850.3	
3778417	Tetra Laval Holdings & Finance S.A.	14/01/2016	3778417	20198660.1	
3778472	GE Vernova Technology GmbH	07/08/2020	3778472	20190160.0	
3778532	AGC INC.	01/04/2019	3778532	19781736.4	
3779012	Toray Industries, Inc.	13/03/2019	3779012	19776335.2	
3779093	VKR Holding A/S	03/02/2020	3779093	20155252.8	
3780238	NGK Insulators, Ltd.	27/02/2019	3780238	19774833.8	
3780467	HUAWEI TECHNOLOGIES CO., LTD.	18/04/2019	3780467	19797046.0	
3782323	Texas Instruments Incorporated	11/03/2019	3782323	19764365.3	
3783744	Yazaki Europe Ltd.	23/08/2019	3783744	19193311.8	
3784691	Chiesi Farmaceutici S.p.A.	26/04/2019	3784691	19719523.3	
3785467	Honeywell International Inc.	23/04/2019	3785467	19727150.5	
3786749	HYUNDAI MOTOR COMPANY Kia Corporation	22/01/2020	3786749	20153016.9	
3787241	Huawei Technologies Co., Ltd.	12/04/2019	3787241	19807858.6	
3787439	Norcros Group (Holdings) Limited	18/04/2019	3787439	19719607.4	
3788219	Mottura Serrature di Sicurezza S.p.A.	30/04/2019	3788219	19725229.9	
3789187	Woodwelding AG	09/06/2016	3789187	20203146.4	
3790520	Drylock Technologies NV	08/05/2019	3790520	19725047.5	
3791318	Microsoft Technology Licensing, LLC	03/05/2019	3791318	19724050.0	
3791813	Aesculap AG	08/09/2020	3791813	20195008.6	German
3792350	Danstar Ferment AG	08/08/2012	3792350	20204465.7	
3793135	Deutsche Telekom AG	12/09/2019	3793135	19197099.5	
3793328	Xiamen Leedarson Lighting Co., Ltd.	06/08/2020	3793328	20189835.0	
3793369	Kellanova	14/05/2019	3793369	19734174.6	
3793498	Drylock Technologies NV	14/05/2019	3793498	19725666.2	
3793623	Cambridge Enterprise Limited	17/05/2019	3793623	19725150.7	
3794649	LFoundry S.r.l.	17/05/2019	3794649	19724832.1	
3795358	Axenoll Life Sciences AG	20/09/2019	3795358	19198629.8	German
3795400	TOYOTA JIDOSHA KABUSHIKI KAISHA	18/09/2020	3795400	20196827.8	
3795992	SHIMADZU CORPORATION	07/05/2019	3795992	19802500.9	

3796050	Tsinghua University Nuctech (Beijing) Company Limited Nuctech Company Limited	06/01/2020	3796050	20736161.9	
3796709	Huawei Technologies Co., Ltd.	02/07/2018	3796709	18925188.7	
3797346	Samsung Electronics Co., Ltd.	04/09/2019	3797346	19857592.0	
3797629	Nike Innovate C.V.	24/08/2016	3797629	20188065.5	
3797925	MSTECH Co., Ltd	20/08/2020	3797925	20191860.4	
3798820	Rockwell Automation Technologies, Inc.	28/07/2020	3798820	20188120.8	
3799691	HUAWEI TECHNOLOGIES CO., LTD.	29/06/2018	3799691	18755935.6	
3800620	Tomra Systems ASA	06/07/2017	3800620	20205441.7	
3801553	Kashiv Biosciences, LLC	24/05/2019	3801553	19808360.2	
3803941	Micromass UK Limited	23/05/2019	3803941	19727468.1	
3804117	Université Savoie Mont Blanc Institut National des Sciences Appliquees de Lyon (Insa Lyon)	15/05/2019	3804117	19730207.8	French
3804649	Biosense Webster (Israel) Ltd.	02/10/2020	3804649	20199789.7	
3806056	Panasonic Intellectual Property Management Co., Ltd.	19/04/2019	3806056	19811635.2	
3806513	Dagirov, Vitalij Borisovich	12/09/2018	3806513	18921705.2	
3808149	Nokia Technologies OY	15/06/2018	3808149	18922800.0	
3809732	HUAWEI TECHNOLOGIES CO., LTD.	23/07/2019	3809732	19841366.8	
3811558	Oracle International Corporation	15/05/2019	3811558	19728806.1	
3812453	REGENERON PHARMACEUTICALS, INC.	10/10/2014	3812453	20193898.2	
3812956	Advanced New Technologies Co., Ltd.	18/10/2019	3812956	19892558.8	
3813086	KABUSHIKI KAISHA TOSHIBA Toshiba Energy Systems & Solutions Corporation	19/06/2018	3813086	18923344.8	
3813101	ams AG	25/10/2019	3813101	19205357.7	
3813565	Imperial Tobacco Limited	28/06/2019	3813565	19734771.9	
3813719	DePuy Ireland Unlimited Company	29/04/2019	3813719	19720864.8	
3814748	Becton, Dickinson and Company	24/05/2019	3814748	19826424.4	
3815540	Samyang Corporation	28/06/2019	3815540	19824548.2	
3815863	SCM Group S.p.A.	22/10/2020	3815863	20203198.5	
3818380	Nederlandse Organisatie voor toegepast- natuurwetenschappelijk onderzoek TNO	05/07/2019	3818380	19749838.9	
3818944	FUJIFILM Corporation	21/05/2019	3818944	19831559.0	
3820081	Krohne Messtechnik GmbH	18/08/2020	3820081	20191520.4	German
3820092	Nokia Technologies Oy	07/11/2019	3820092	19207658.6	
3820316	KT&G Corporation	12/02/2020	3820316	20720895.0	
3820350	United States Endoscopy Group, Inc.	10/07/2019	3820350	19745916.7	
3820360	Koninklijke Philips N.V.	12/07/2019	3820360	19748743.2	
3820796	Laitram, LLC	01/07/2019	3820796	19834207.3	
3821411	Carrier Corporation	13/07/2018	3821411	18926039.1	
3821761	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	16/04/2020	3821761	20169812.3	
3822806	HUAWEI TECHNOLOGIES CO., LTD.	31/07/2019	3822806	19844326.9	
3823474	KT & G Corporation	16/09/2020	3823474	20851273.1	
3823512	Ethicon LLC	30/08/2019	3823512	19782716.5	
3823788	Festool GmbH	19/07/2019	3823788	19742594.5	German
3824405	Siemens Aktiengesellschaft	21/08/2018	3824405	18782543.5	
3824676	ORANGE	10/07/2019	3824676	19748877.8	French
3824678	Telefonaktiebolaget LM Ericsson (publ)	24/08/2018	3824678	18765507.1	
3824706	Schneider Electric IT Corporation	17/07/2019	3824706	19838790.4	
3824764	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	16/04/2020	3824764	20169829.7	
3825448	ZHENDE MEDICAL CO., LTD.	11/10/2019	3825448	19863967.6	
3825801	Rockwell Automation Technologies, Inc.	18/11/2020	3825801	20208350.7	
3827499	Ernesto Malvestiti S.p.A.	23/07/2019	3827499	19755682.2	
3827559	INOVA Semiconductors GmbH	27/06/2019	3827559	19735211.5	German
3827560	INOVA Semiconductors GmbH	27/06/2019	3827560	19735212.3	German
3827669	Tetra Laval Holdings & Finance S.A.	26/11/2019	3827669	19211523.6	

3829123	NTT DoCoMo, Inc.	24/07/2018	3829123	18927754.4	
3829699	Cardiac Pacemakers, Inc.	23/07/2019	3829699	19749158.2	
3831105	QUALCOMM Incorporated	25/07/2019	3831105	19750000.2	
3832237	LG Electronics Inc.	01/08/2019	3832237	19844114.9	
3832723	Samsung Display Co., Ltd.	12/10/2018	3832723	20213936.6	
3833145	Datang Mobile Communications Equipment Co., Ltd.	24/07/2019	3833145	19844994.4	
3834050	Microsoft Technology Licensing, LLC	25/06/2019	3834050	19737421.8	
3834114	Huawei Cloud Computing Technologies Co., Ltd.	12/09/2018	3834114	18769351.0	
3834927	Waters Technologies Corporation	25/07/2011	3834927	20209551.9	
3837615	Bigid Inc.	13/08/2019	3837615	19850039.9	
3839665	ETA SA Manufacture Horlogère Suisse	18/12/2019	3839665	19217405.0	French
3839984	LS ELECTRIC CO., LTD.	13/08/2019	3839984	19850002.7	
3840177	BRUSA Elektronik AG	19/12/2019	3840177	19217936.4	
3840394	HUAWEI TECHNOLOGIES CO., LTD.	27/08/2019	3840394	19853317.6	
3841088	Adisseo France S.A.S.	19/08/2019	3841088	19753105.6	French
3842148	Ventana Medical Systems, Inc.	26/01/2016	3842148	20212204.0	
3843032	GeneMind Biosciences Company Limited	22/08/2018	3843032	18930564.2	
3843034	GeneMind Biosciences Company Limited	22/08/2018	3843034	18931064.2	
3843307	HUAWEI TECHNOLOGIES CO., LTD.	09/07/2015	3843307	20205636.2	
3843412	Comcast Cable Communications, LLC	22/12/2020	3843412	20216335.8	
3844253	Komagra Spólka Z O.O.	22/08/2019	3844253	19786681.7	
3844576	DMG MORI Digital GmbH	27/08/2019	3844576	19761810.1	German
3844727	dormakaba Schweiz AG	25/06/2019	3844727	19735240.4	
3844774	Koninklijke Philips N.V.	20/08/2019	3844774	19755915.6	
3846208	Samsung Display Co., Ltd.	13/11/2020	3846208	20207336.7	
3846295	Aptiv Technologies AG	23/12/2020	3846295	20216843.1	
3846539	Huawei Technologies Co. Ltd.	25/09/2019	3846539	19866039.1	
3846748	Ecole Polytechnique Federale De Lausanne (EPFL) EPFL-TTO	06/09/2019	3846748	19809607.5	
3847198	Centre national de la recherche scientifique	05/09/2019	3847198	19762179.0	French
3847472	Aeva, Inc.	30/08/2019	3847472	19769313.8	
3848214	TOYOTA JIDOSHA KABUSHIKI KAISHA	06/01/2021	3848214	21150374.3	
3848325	STILL GmbH	27/11/2020	3848325	20210345.3	German
3848442	The Procter & Gamble Company	14/08/2018	3848442	21161088.6	
3848664	Shanghai Power Equipment Research Institute Co., Ltd.	30/08/2019	3848664	19858007.8	
3848679	Pietro Fiorentini S.p.A.	13/01/2021	3848679	21151414.6	
3849381	The Container Store, Inc. Elfa International AB	31/10/2018	3849381	18933280.2	
3849725	Allfast Fastening Systems, LLC	13/09/2019	3849725	19860158.5	
3850824	Brainlab SE	11/09/2019	3850824	19765262.1	
3851657	TOYOTA JIDOSHA KABUSHIKI KAISHA	12/01/2021	3851657	21151087.0	
3852659	DePuy Synthes Products, Inc.	10/09/2019	3852659	19787422.5	
3853145	Graphic Packaging International, LLC	11/09/2019	3853145	19861555.1	
3854612	ACPS Automotive GmbH	19/01/2021	3854612	21152394.9	German
3855863	Rockwell Collins, Inc.	25/01/2021	3855863	21153282.5	
3856879	ExxonMobil Chemical Patents Inc.	19/09/2019	3856879	19779721.0	
3856920	Revvity Health Sciences, Inc.	20/08/2019	3856920	19867957.3	
3857463	Intel Corporation	22/08/2019	3857463	19866783.4	
3857714	INTEL Corporation	28/09/2018	3857714	18934840.2	
3857904	Nokia Technologies Oy	20/09/2019	3857904	19866659.6	
3859091	Hitachi Construction Machinery Co., Ltd.	18/04/2019	3859091	19865047.5	
3860851	Stora Enso Oyj	01/10/2019	3860851	19868365.8	
3861172	Holcim Technology Ltd	02/10/2019	3861172	19780443.8	
3861412	Endress+Hauser Process Solutions AG	05/09/2019	3861412	19765462.7	German
3861552	Origent Data Sciences, Inc.	01/10/2019	3861552	19794779.9	
3861610	D-Line (Europe) Limited	30/09/2019	3861610	19780233.3	
3861929	MJN Neuroserveis, S.L.	02/10/2019	3861929	19813065.0	

3862007	Hope Medical Enterprises, Inc. d.b.a. Hope Pharmaceuticals	11/02/2010	3862007	21161011.8	
3862682	LG Electronics Inc.	01/10/2019	3862682	19869812.8	
3863215	Google LLC	20/11/2020	3863215	20208914.0	
3864028	Adolphe Merkle Institute, University of Fribourg	04/10/2019	3864028	19786514.0	
3864507	Hologic, Inc.	11/10/2019	3864507	19871414.9	
3865497	SAVANNA Ingredients GmbH & Co. KG	24/12/2020	3865497	20217295.3	German
3865498	CJ Cheiljedang Corporation	29/11/2019	3865498	19890729.7	
3865930	HOYA CORPORATION	10/12/2018	3865930	18936586.9	
3866535	NTT DOCOMO, INC.	03/10/2019	3866535	19872134.2	
3867002	Apex Brands, Inc.	08/10/2020	3867002	20876192.4	
3867007	Robert Bosch GmbH	04/10/2019	3867007	19783495.5	German
3868338	Beijing AK Medical Co., Ltd.	04/04/2019	3868338	19912446.2	
3868817	Envalior Deutschland GmbH	15/01/2021	3868817	21151730.5	German
3869791	Sony Advanced Visual Sensing AG	29/12/2017	3869791	20214260.0	
3870479	eBay Inc.	16/07/2019	3870479	19876191.8	
3870935	Kla-Tencor Corporation	05/08/2019	3870935	19886957.0	
3871160	Climate LLC	24/10/2019	3871160	19877447.3	
3871707	Bayer Healthcare LLC	12/06/2017	3871707	21155401.9	
3872375	Eagle Industry Co., Ltd.	11/10/2019	3872375	19876680.0	
3872619	Samsung Electronics Co., Ltd.	26/12/2019	3872619	19908039.1	
3873022	QUALCOMM INCORPORATED	06/10/2015	3873022	21169619.0	
3873496	SpinalCyte LLC	04/11/2019	3873496	19878521.4	
3873912	Intocell, Inc.	30/10/2019	3873912	19880141.7	
3874413	MOVIDIUS LTD.	31/10/2019	3874413	19878027.2	
3874434	Tata Consultancy Services Limited	25/10/2019	3874434	19880621.8	
3875606	LGC Clinical Diagnostics, Inc.	06/05/2016	3875606	21167435.3	
3876647	NTT DOCOMO, INC.	01/11/2018	3876647	18938258.3	
3877229	Waymo LLC	03/12/2019	3877229	19897433.9	
3877256	BAE Systems Controls Inc.	06/11/2019	3877256	19881344.6	
3877568	Nanofilm Technologies International Limited	07/11/2019	3877568	19798649.0	
3877591	Soletanche Freyssinet	08/11/2019	3877591	19818236.2	French
3877980	Cancer Research Technology Limited	07/11/2019	3877980	19808992.2	
3878084	KS RESEARCH, société anonyme	29/10/2019	3878084	19798732.4	French
3880002	Symrise AG	16/11/2018	3880002	18804588.4	
3880356	Illumina, Inc.	10/08/2020	3880356	20754048.5	
3880793	Universiteit Antwerpen	12/11/2019	3880793	19801025.8	
3880853	IB Operations Pty Ltd	16/08/2019	3880853	19883916.9	
3881166	Dell Products, L.P.	12/11/2019	3881166	19884609.9	
3882402	Sumitomo Heavy Industries, Ltd.	14/11/2019	3882402	19884738.6	
3884030	Watgrid, S.A.	19/11/2019	3884030	19842877.3	
3884159	Cambridge Mechatronics Limited	21/11/2019	3884159	19809892.3	
3884733	PACESETTER, INC.	09/11/2019	3884733	19836684.1	
3885283	Freezio AG	04/07/2017	3885283	21164995.9	German
3886024	TOYOTA JIDOSHA KABUSHIKI KAISHA	23/03/2021	3886024	21164418.2	
3887183	Saint-Gobain Sekurit France	25/09/2019	3887183	19876367.4	
3889571	Hitachi, Ltd.	29/03/2020	3889571	20166537.9	
3889576	Mingdao Innovation (Beijing) Medical-Tech Co., Ltd.	01/12/2018	3889576	18941524.3	
3890237	Accenture Global Solutions Limited	20/08/2020	3890237	20191925.5	
3891018	GENTEX CORPORATION	04/12/2019	3891018	19893118.0	
3891295	La Trobe University	04/12/2019	3891295	19893378.0	
3891555	Snap Inc.	07/12/2019	3891555	19908888.1	
3891693	Huawei Technologies Co., Ltd.	21/12/2018	3891693	18822388.7	
3892002	InterDigital Madison Patent Holdings, SAS	28/11/2019	3892002	19812987.6	
3892735	QINGDAO MGI TECH CO., LTD.	05/12/2018	3892735	18942297.5	
3892949	RTX Corporation	31/12/2020	3892949	20218011.3	
3893188	Ftlab Co., Ltd.	21/09/2020	3893188	20881549.8	
3893200	GE Precision Healthcare LLC	23/01/2020	3893200	21171540.4	

3893865	APR APPLIED PHARMA RESEARCH S.A.	13/12/2019	3893865	19832208.3	
3895190	Valeo Electrification	04/12/2019	3895190	19809870.9	French
3896266	Weichai Power Co., Ltd.	11/12/2018	3896266	18943343.6	
3897247	Philip Morris Products S.A.	13/12/2019	3897247	19820751.6	
3900291	ANCHOR LABS, INC.	15/11/2019	3900291	19817524.2	
3900468	Nokia Technologies Oy	21/12/2018	3900468	18826369.3	
3901185	Tokuyama Corporation	17/12/2019	3901185	19899636.5	
3901310	POSCO Co., Ltd	13/12/2019	3901310	19899919.5	
3902836	Boehringer Ingelheim IO Canada Inc.	17/12/2019	3902836	19900792.3	
3902889	BASF SE	20/12/2019	3902889	19832103.6	
3902958	LN1 INC.	14/02/2020	3902958	20755309.0	
3903181	ServiceNow, Inc.	23/12/2019	3903181	19845926.5	
3903215	Huawei Technologies Co., Ltd.	17/01/2020	3903215	20740838.6	
3903340	SOITEC	23/12/2019	3903340	19848982.5	French
3904444	Momentive Performance Materials Japan LLC	23/12/2019	3904444	19903258.2	
3904595	Hankuk Paper Mfg. Co., Ltd	01/06/2020	3904595	20757510.1	
3904865	OMRON Corporation	23/10/2019	3904865	19901921.7	
3904886	Hitachi High-Tech Corporation	13/11/2019	3904886	19903218.6	
3905072	ZTE Corporation	12/12/2019	3905072	19897869.4	
3905185	GLORY LTD.	26/12/2019	3905185	19903276.4	
3905204	Huawei Technologies Co., Ltd.	23/01/2020	3905204	20748486.6	
3906003	Kaival Labs, Inc.	27/12/2019	3906003	19907427.9	
3906624	Samsung Electronics Co., Ltd.	03/01/2020	3906624	20736206.2	
3908202	Mavrek Medical, LLC	09/01/2020	3908202	20738374.6	
3908238	Verily Life Sciences LLC	07/01/2020	3908238	20702964.6	
3909044	Microsoft Technology Licensing, LLC	24/12/2019	3909044	19842539.9	
3911123	Harman Professional Denmark ApS	13/05/2020	3911123	20174380.4	
3911569	Jetoptera, Inc.	21/01/2020	3911569	20802173.3	
3912062	Assurant, Inc.	16/01/2020	3912062	20741443.4	
3912094	Nokia Technologies Oy	18/01/2019	3912094	19701100.0	
3912979	Principia Biopharma Inc.	02/06/2016	3912979	21169631.5	
3913929	Oticon A/S	06/05/2021	3913929	21172617.9	
3913952	ZTE Corporation	19/12/2019	3913952	19909990.4	
3915043	Everseen Limited	20/01/2020	3915043	20702698.0	
3915096	Vigil Helmets Ltd	13/11/2019	3915096	19821146.8	
3915587	Sapreme Technologies B.V.	09/12/2019	3915587	21186481.4	
3916533	LG ELECTRONICS INC.	04/12/2020	3916533	20211865.9	
3916833	Panasonic Energy Co., Ltd.	02/12/2019	3916833	19911090.9	
3918204	SAFRAN AIRCRAFT ENGINES	30/01/2020	3918204	20707503.7	French
3918251	Carl Zeiss Jena GmbH	31/01/2020	3918251	20703426.5	German
3918714	ams International AG	30/01/2020	3918714	20703012.3	
3918879	Lindskog, Kjell	31/01/2020	3918879	20747563.3	
3918932	Japan Tobacco Inc.	29/01/2019	3918932	19913752.2	
3918960	Breville Pty Limited	07/03/2017	3918960	21188228.7	
3919164	Vermeer Manufacturing Company	04/06/2021	3919164	21177709.9	
3919450	Gerresheimer Regensburg GmbH	01/06/2021	3919450	21177224.9	German
	Gerresheimer Bünde GmbH				
3919944	Toppan Printing Co., Ltd.	27/01/2020	3919944	20749777.7	
3920906	Oregon Health & Science University	06/02/2020	3920906	20752874.6	
	The United States Government as Represented by the Department of Veterans Affairs				
3921943	Tencent America LLC	07/01/2021	3921943	21738085.6	
3922733	Ajou University Industry-Academic Cooperation Foundation	30/12/2019	3922733	19914656.4	
3924532	CCLabs Pty Ltd	11/02/2020	3924532	20756566.4	
3924999	Kulicke & Soffa Netherlands B.V.	14/02/2020	3924999	20755894.1	
3925073	QUALCOMM INCORPORATED	14/01/2020	3925073	20708246.2	
3925277	ZTE Corporation	14/02/2019	3925277	19915427.9	
3925861	Segway Technology Co., Ltd.	14/06/2021	3925861	21179342.7	

3926791	Baruffaldi S.p.A.	15/06/2021	3926791	21179459.9	
3926899	Huawei Technologies Co., Ltd.	11/06/2021	3926899	21178909.4	
3926977	JVCKenwood Corporation	24/12/2019	3926977	19914812.3	
3928562	Huawei Technologies Co., Ltd.	01/04/2020	3928562	20784659.3	
3929125	Otis Elevator Company	11/12/2020	3929125	20213518.2	
3929523	Scherpf, Christian	15/06/2021	3929523	21179484.7	German
3929879	Imagination Technologies Limited	25/06/2021	3929879	21181738.2	
3930644	Salts Healthcare Limited	21/02/2020	3930644	20708580.4	
3931093	Hamilton Sundstrand Corporation	09/12/2019	3931093	19917580.3	
3932626	Kawasaki Jukogyo Kabushiki Kaisha	27/02/2020	3932626	20763085.6	
3933463	Viavi Solutions Inc.	23/06/2021	3933463	21181264.9	
3933678	Ricoh Company, Ltd.	18/06/2021	3933678	21180461.2	
3933809	THALES	01/07/2021	3933809	21183025.2	French
3934246	Sanechips Technology Co., Ltd.	20/04/2020	3934246	20821664.8	
3934574	Octagon Spine Inc.	30/12/2019	3934574	19918341.9	
3936928	Samsung Electronics Co., Ltd.	06/07/2021	3936928	21184007.9	
3937263	Samsung Electronics Co., Ltd.	06/07/2021	3937263	21184073.1	
3937411	Huawei Technologies Co., Ltd.	02/04/2020	3937411	20783681.8	
3937750	Dental Imaging Technologies Corporation	11/03/2020	3937750	20716663.8	
3938851	POMINI Long Rolling Mills S.r.l.	10/02/2020	3938851	20703249.1	
3939676	Boumezioud, Bousad	15/07/2021	3939676	21185870.9	French
3939841	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	17/07/2020	3939841	20186462.6	
3940631	OMRON Corporation	18/02/2020	3940631	20770498.2	
3940891	J.S.T. MFG. CO., LTD.	14/07/2021	3940891	21185663.8	
3942562	Align Technology, Inc.	20/03/2020	3942562	20719043.0	
3943733	RTX Corporation	15/04/2021	3943733	21168570.6	
3945286	Kawasaki Motors, Ltd.	20/07/2021	3945286	21186601.7	
3945775	Fieldwork Robotics Limited	03/04/2020	3945775	20718752.7	
3946391	Biomica Ltd.	31/03/2020	3946391	20782777.5	
3946547	Pinova Therapeutics Inc.	25/03/2020	3946547	20778140.2	
3947847	Innovy	03/04/2020	3947847	20718839.2	
3948499	Valve Corporation	28/04/2020	3948499	20798845.2	
3948565	Identiq Protocol Ltd.	24/03/2020	3948565	20777975.2	
3949160	Apple Inc.	08/05/2020	3949160	20729432.3	
3950657	Toray Industries, Inc.	24/03/2020	3950657	20778573.4	
3950753	FUJIFILM Corporation	18/03/2020	3950753	20785285.6	
3951071	Volvo Construction Equipment AB	05/04/2019	3951071	19922792.7	
3951488	Xu, Jiangke	27/03/2020	3951488	20781839.4	
3951971	LG Energy Solution, Ltd.	23/09/2020	3951971	20891235.2	
3953249	Wetech B.V.	07/04/2020	3953249	20715416.2	
3955431	Anhui Meizhi Precision Manufacturing Co., Ltd.	26/09/2019	3955431	19942957.2	
3955494	Samsung Electronics Co., Ltd.	24/11/2017	3955494	21194089.5	
3956304	DSM IP Assets B.V.	03/04/2020	3956304	20714639.0	
3956634	EXAIL	14/04/2020	3956634	20716850.1	French
3958595	Huawei Technologies Co. Ltd.	29/04/2020	3958595	20799423.7	
3959474	Cuula Technologies FlexCo	23/04/2020	3959474	20723264.6	German
3959907	Google LLC	21/11/2019	3959907	19818455.8	
3960112	Shenzhen Edge Medical Co., Ltd.	24/04/2020	3960112	20794723.5	
3960259	Sony Interactive Entertainment Inc.	14/04/2020	3960259	20795790.3	
3960972	Ningbo Geely Automobile Research & Development Co. Ltd.	28/08/2020	3960972	20193291.0	
	Zhejiang Geely Holding Group Co., Ltd.				
3961818	Phoenix Contact GmbH & Co. KG	18/08/2021	3961818	21191837.0	German
3962086	Hangzhou Hikvision Digital Technology Co., Ltd.	19/06/2020	3962086	20826332.7	
3962725	Agotex S.r.l.	03/06/2020	3962725	20742917.6	
3963785	InterDigital Patent Holdings, Inc.	30/04/2020	3963785	20730148.2	
3963999	Telefonaktiebolaget LM Ericsson (publ)	30/04/2020	3963999	20725256.0	
3964864	Infineon Technologies AG	07/09/2020	3964864	20194867.6	
3965299	STMicroelectronics (Tours) SAS	03/09/2021	3965299	21194691.8	French

3965599	Juul Labs, Inc.	06/05/2020	3965599	20728601.4	
3965952	Dürr Systems AG	29/04/2020	3965952	20731379.2	German
3966099	Zimmermann, Robert	07/05/2020	3966099	20727162.8	
3966649	Dürr Systems AG	29/04/2020	3966649	20729616.1	German
3968197	GROUP-IB GLOBAL PRIVATE LIMITED	25/02/2020	3968197	20919950.4	
3968264	Zhejiang Uniview Technologies Co., Ltd.	05/05/2019	3968264	19927810.2	
3968596	Huawei Technologies Co., Ltd.	10/11/2020	3968596	20886524.6	
3969117	Novartis AG	15/05/2020	3969117	20726959.8	
3969490	BRIDGESTONE CORPORATION Bridgestone Americas Tire Operations, LLC	14/05/2020	3969490	20806842.9	
3970064	Thomson Reuters Enterprise Centre GmbH	18/05/2020	3970064	20727725.2	
3970302	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	13/05/2020	3970302	20726753.5	
3970393	Carrier Corporation	08/05/2020	3970393	20729406.7	
3970440	QUALCOMM INCORPORATED	13/05/2020	3970440	20729529.6	
3971051	ALSTOM Holdings	16/09/2020	3971051	20196393.1	
3971355	Perez, Alain	21/09/2021	3971355	21198022.2	
3971551	OP-Hygiene IP GmbH	15/09/2021	3971551	21196904.3	
3971619	Samsung Electronics Co., Ltd.	04/03/2021	3971619	21160808.8	
3971868	Rockwell Collins, Inc.	22/09/2021	3971868	21198318.4	
3971901	Samsung Electronics Co., Ltd.	16/06/2021	3971901	21179736.0	
3972262	Huawei Technologies Co., Ltd.	03/07/2020	3972262	20837050.2	
3972581	Evonik Operations GmbH	18/05/2020	3972581	20725561.3	
3972583	Premark Pharma GmbH	20/05/2020	3972583	20728442.3	
3972785	GDM Holding LLC	15/07/2020	3972785	20753543.6	
3973270	Valvan NV	22/05/2020	3973270	20739265.5	
3973362	Realization Desal AG	29/04/2021	3973362	21724207.2	German
3973481	Microsoft Technology Licensing, LLC	07/05/2020	3973481	20739490.9	
3973670	Google LLC	21/11/2019	3973670	19821460.3	
3973856	Lightlab Imaging, Inc.	16/11/2016	3973856	21202341.0	
3974015	Fisher & Paykel Healthcare Limited	12/05/2009	3974015	21207880.2	
3974078	JFE Steel Corporation	14/02/2020	3974078	20809032.4	
3974303	Yamaha Hatsudoki Kabushiki Kaisha	26/08/2021	3974303	21193216.5	
3974508	Laboratorios Vinfer, S.A.	11/08/2021	3974508	21190818.1	
3974509	Laboratorios Vinfer, S.A.	11/08/2021	3974509	21190826.4	
3974510	Laboratorios Vinfer, S.A.	11/08/2021	3974510	21190827.2	
3974970	Huawei Technologies Co. Ltd.	22/06/2020	3974970	20832929.2	
3975419	Sun Rise E & T Corporation	18/01/2021	3975419	21152098.6	
3975604	Sony Group Corporation	30/04/2020	3975604	20809535.6	
3977386	Capital One Services, LLC	28/05/2020	3977386	20733164.6	
3977688	Huawei Technologies Co., Ltd.	26/06/2020	3977688	20742574.5	
3978245	Toppa Printing Co., Ltd.	26/01/2017	3978245	21208141.8	
3978936	3M Innovative Properties Company	01/10/2020	3978936	20199577.6	
3979496	Tianjin University Rofs Microsystem (Tianjin) Co., Ltd	24/04/2020	3979496	20814721.5	
3979603	Samsung Electronics Co., Ltd.	29/06/2007	3979603	21210956.5	
3979842	Philip Morris Products S.A.	16/09/2020	3979842	20771869.3	
3981453	Sysmed (China) Co., Ltd.	03/07/2019	3981453	19931724.9	
3982239	Huawei Technologies Co., Ltd.	20/07/2020	3982239	20844692.2	
3982773	G.D SOCIETA' PER AZIONI	12/06/2020	3982773	20739460.2	
3982806	Hruby, Jeffrey T.	11/06/2020	3982806	20823459.1	
3983136	medmix Switzerland AG	28/07/2020	3983136	20745208.7	
3983563	Alzheon, Inc.	16/06/2020	3983563	20735800.3	
3983732	Carrier Corporation	15/05/2020	3983732	20730526.9	
3983788	MSA Technology, LLC	09/06/2020	3983788	20750510.8	
3984496	Kuraray Noritake Dental Inc.	11/06/2020	3984496	20821760.4	
3985917	Huawei Technologies Co., Ltd.	07/07/2020	3985917	20836050.3	
3986553	Bristol-Myers Squibb Company	16/06/2020	3986553	20736821.8	
3987272	TSI Incorporated	30/12/2019	3987272	19842736.1	
3987386	Microsoft Technology Licensing, LLC	06/05/2020	3987386	20728852.3	

3987699	QUALCOMM Incorporated	19/06/2020	3987699	20743899.5	
3988745	C.Ed. Schulte Gesellschaft mit beschränkter Haftung Zylinderschlossfabrik	20/10/2021	3988745	21203603.2	German
3989253	Hitachi Energy Ltd	26/10/2020	3989253	20203858.4	
3989419	AISIN CORPORATION	21/05/2020	3989419	20825668.5	
3990052	Becton Dickinson France	23/06/2020	3990052	20733643.9	
3990889	Andritz Oy	25/06/2020	3990889	20739738.1	
3990933	Commissariat à l'Energie Atomique et aux Energies Alternatives	11/06/2020	3990933	20731115.0	French
3991566	D'Hoore, Dick Prosper	02/11/2021	3991566	21382984.9	
3991676	Shanghai Microport Ep Medtech Co., Ltd.	29/09/2020	3991676	20905754.6	
3991729	Marine Biomedical Research Institute Of Qingdao Co., Ltd.	28/06/2020	3991729	20831767.7	
3992374	KUBOTA CORPORATION	22/06/2020	3992374	20833704.8	
3992431	General Electric Company Oliver Crispin Robotics Limited	23/10/2021	3992431	21204360.8	
3992601	NKT HV Cables AB	29/10/2020	3992601	20204571.2	
3992845	Tencent Technology (Shenzhen) Company Limited	09/09/2020	3992845	20882681.8	
3993349	Huawei Technologies Co., Ltd.	29/07/2020	3993349	20845988.3	
3993718	Cabot, Jonathan Peter	03/07/2020	3993718	20836245.9	
3993966	LG Electronics Inc.	02/07/2020	3993966	20836288.9	
3994768	Verily Life Sciences LLC	02/07/2020	3994768	20835436.5	
3995117	Hollister Incorporated	10/04/2014	3995117	21215651.7	
3995803	Viavi Solutions Inc.	02/11/2021	3995803	21206091.7	
3995954	Shenzhen Transsion Holdings Co., Ltd.	20/04/2021	3995954	21830585.2	
3996275	Commissariat à l'Energie Atomique et aux Energies Alternatives	12/10/2021	3996275	21202238.8	French
3996516	Société des Produits Nestlé S.A.	10/07/2020	3996516	20737034.7	
3996517	Société des Produits Nestlé S.A.	10/07/2020	3996517	20737044.6	
3997414	Milwaukee Electric Tool Corporation	10/07/2020	3997414	20840659.5	
3997467	Siemens Aktiengesellschaft	25/08/2020	3997467	20771447.8	German
3998377	SUMITOMO ELECTRIC INDUSTRIES, LTD.	10/07/2019	3998377	19936992.7	
3999278	Sir S.p.A.	13/07/2020	3999278	20747476.8	
3999624	Meliolabs Inc.	16/09/2020	3999624	20841245.2	
4001116	Airbus Operations, S.L.U.	18/11/2020	4001116	20382999.9	
4002295	Accenture Global Solutions Limited	19/11/2021	4002295	21209162.3	
4002303	Tata Consultancy Services Limited	03/11/2021	4002303	21206225.1	
4002371	Rockwell Collins, Inc.	11/11/2021	4002371	21207853.9	
4002595	MD ELEKTRONIK GmbH	03/11/2021	4002595	21206197.2	German
4002738	Beijing Xiaomi Mobile Software Co., Ltd.	16/07/2019	4002738	19937840.7	
4002862	Nokia Solutions and Networks Oy	12/11/2020	4002862	20207306.0	
4003011	Elders Toll Formulation Pty Ltd	24/07/2020	4003011	20842681.7	
4003126	BSH Hausgeräte GmbH	16/07/2020	4003126	20743996.9	German
4004280	Voith Patent GmbH	24/06/2020	4004280	20735507.4	German
4004377	Edwards Limited	24/07/2020	4004377	20746932.1	
4004700	Sew-Eurodrive GmbH & Co. KG	02/07/2020	4004700	20737359.8	German
4005303	Biz2mobile Limited	15/07/2020	4005303	20747082.4	
4006664	CITIZEN WATCH CO., LTD. Citizen Machinery Co., Ltd.	15/07/2020	4006664	20844165.9	
4006935	GS Yuasa International Ltd.	19/08/2020	4006935	20854358.7	
4007500	Evonik Operations GmbH	30/07/2020	4007500	20746659.0	
4007915	Agilent Technologies, Inc.	30/07/2020	4007915	20753438.9	
4007921	North-West University	31/07/2020	4007921	20753452.0	
4009018	Ushio Denki Kabushiki Kaisha	29/07/2020	4009018	20851090.9	
4010038	Ethicon, Inc Cilag GmbH International	03/08/2020	4010038	20754376.0	
4010244	Disney Enterprises, Inc.	23/07/2020	4010244	20754107.9	
4010533	Topcon Positioning Systems, Inc.	22/06/2020	4010533	20737797.9	
4010888	Eyefree Assisting Communication Ltd.	05/08/2020	4010888	20849630.7	
4011020	Huawei Technologies Co. Ltd.	16/08/2019	4011020	19762056.0	

4011135	QUALCOMM INCORPORATED	07/08/2020	4011135	20760740.9	
4011414	Fresenius Kabi Deutschland GmbH	10/12/2020	4011414	20213093.6	
4011485	JFE Steel Corporation	13/08/2020	4011485	20863461.8	
4011500	Zhadanov, Eli	08/07/2021	4011500	21184495.6	
4011508	Fujifilm Dimatix, Inc.	19/04/2013	4011508	22154823.3	
4011967	Mitsubishi Chemical Corporation	07/08/2020	4011967	20851705.2	
4012647	Huawei Technologies Co., Ltd.	08/07/2020	4012647	20850238.5	
4012964	Sony Group Corporation	07/08/2020	4012964	20854275.3	
4013575	Laundry Robotics B.V.	14/08/2020	4013575	20758358.4	
4014332	Outdoor Wireless Networks LLC	31/07/2020	4014332	20854927.9	
4015667	Jiangyin Xingcheng Special Steel Works Co., Ltd	15/04/2020	4015667	20900510.7	
4016668	Samsung SDI Co., Ltd.	20/12/2021	4016668	21215890.1	
4016710	LG ENERGY SOLUTION, LTD.	31/12/2020	4016710	20908947.3	
4017095	LG Electronics Inc.	14/08/2020	4017095	20855741.3	
4017155	Huawei Technologies Co. Ltd.	17/08/2020	4017155	20854563.2	
4017193	Datang Mobile Communications Equipment Co., Ltd.	28/07/2020	4017193	20855498.0	
4017888	Chevron Phillips Chemical Company LP	12/08/2020	4017888	20761944.6	
4018113	ROTAREX S.A.	14/08/2020	4018113	20753951.1	
4018740	Huawei Technologies Co., Ltd.	27/08/2020	4018740	20857287.5	
4019251	Universität Stuttgart	23/12/2020	4019251	20216959.5	
4019266	Brother Kogyo Kabushiki Kaisha	22/12/2021	4019266	21217097.1	
4020068	IHP GmbH - Innovations for High Performance Microelectronics / Leibniz-Institut für innovative Mikroelektronik Helmholtz-Zentrum Berlin für Materialien und Energie GmbH	23/12/2020	4020068	20216906.6	
4020093	Commissariat à l'Energie Atomique et aux Energies Alternatives Centre National de la Recherche Scientifique Université Grenoble Alpes	26/12/2021	4020093	21217765.3	French
4020186	Intel Corporation	27/09/2021	4020186	21199191.4	
4020386	Rakuten Group, Inc.	19/11/2021	4020386	21209284.5	
4020574	BOE Technology Group Co., Ltd.	23/08/2019	4020574	19933200.8	
4021047	LG Electronics Inc.	19/08/2020	4021047	20853968.4	
4021694	Alpay, Aytekin	03/07/2020	4021694	20803001.5	
4021739	WESTFALIA - Automotive GmbH	30/11/2020	4021739	20817263.5	German
4021787	Wahoo Fitness LLC	27/08/2020	4021787	20858595.0	
4022227	Pinoak Management Pty. Ltd.	26/08/2020	4022227	20857147.1	
4022348	Samsung Electronics Co., Ltd.	29/12/2020	4022348	20910835.6	
4022352	Valeo Schalter und Sensoren GmbH	26/08/2020	4022352	20764335.4	German
4024087	Honeywell International Inc.	17/11/2021	4024087	21208816.5	
4024361	HERE Global B.V.	20/12/2021	4024361	21215867.9	
4024470	LG Display Co., Ltd.	21/06/2021	4024470	21180604.7	
4024524	Panasonic Intellectual Property Management Co., Ltd.	16/07/2020	4024524	20855996.3	
4025313	Roblox Corporation	17/09/2019	4025313	19944286.4	
4026074	Tencent America LLC	06/05/2021	4026074	21828530.2	
4026198	Verily Life Sciences LLC	04/09/2020	4026198	20775769.1	
4026953	CNH Industrial Italia S.p.A.	22/12/2021	4026953	21216828.0	
4027450	Huawei Technologies Co., Ltd.	30/09/2019	4027450	19948057.5	
4027950	Warsaw Orthopedic, Inc.	11/09/2020	4027950	20862933.7	
4028325	Tencent America LLC	02/06/2021	4028325	21843553.5	
4028588	CHRONOLIFE	09/09/2020	4028588	20771522.8	
4028645	SAFRAN AIRCRAFT ENGINES	09/09/2020	4028645	20786004.0	French
4028830	BrightView Technologies, Inc.	09/09/2020	4028830	20862555.8	
4029071	Saft America	11/09/2020	4029071	20775076.1	
4029090	Huawei Technologies Co., Ltd.	24/10/2019	4029090	19794523.1	
4029199	Huawei Cloud Computing Technologies Co., Ltd.	06/08/2020	4029199	20910074.2	

4029461	Stryker Corporation	14/07/2016	4029461	21215953.7	
4029823	Vehicle Service Group, LLC	12/01/2022	4029823	22151162.9	
4029920	FUJIFILM Business Innovation Corp.	01/12/2021	4029920	21211585.1	
4030132	GD Midea Heating & Ventilating Equipment Co., Ltd. Midea Group Co., Ltd.	02/03/2020	4030132	20880266.0	
4030559	JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED	30/11/2021	4030559	21211487.0	
4030728	Nokia Solutions and Networks Oy	13/01/2022	4030728	22151266.8	
4030943	Nicoventures Trading Limited	18/09/2020	4030943	20788715.9	
4030970	Breathablebaby, LLC	18/09/2020	4030970	20865742.9	
4031267	Eignarhaldsfélagið Carbfix ohf.	17/09/2020	4031267	20771570.7	
4031734	Carrier Corporation	24/08/2020	4031734	20775402.9	
4034200	Tay, Keng Kiong	18/12/2019	4034200	19946530.3	
4034235	CERN - European Organization For Nuclear Research Centre Hospitalier Universitaire Vaudois (CHUV)	24/09/2020	4034235	20775006.8	
4034960	Mustang Sampling, LLC	21/09/2020	4034960	20867424.2	
4035385	QUALCOMM INCORPORATED	24/09/2020	4035385	20786419.0	
4036633	HOYA LENS THAILAND LTD.	10/07/2020	4036633	20867274.1	
4037051	Innolith Technology AG	29/01/2021	4037051	21154307.9	German
4037056	Innolith Technology AG	29/01/2021	4037056	21154308.7	German
4037335	HUAWEI TECHNOLOGIES CO., LTD.	14/09/2020	4037335	20881753.6	
4037341	Harman International Industries, Incorporated	25/01/2022	4037341	22153184.1	
4037628	Johnson & Johnson Surgical Vision, Inc.	14/09/2020	4037628	20872695.0	
4038570	Huawei Technologies Co., Ltd.	24/10/2019	4038570	19816205.9	
4039321	Magenta Medical Ltd.	10/01/2019	4039321	22155936.2	
4039540	API CZ s.r.o.	04/02/2021	4039540	21155164.3	
4039632	Otis Elevator Company	10/12/2021	4039632	21213842.4	
4039710	SANOFI	22/01/2016	4039710	22152787.2	
4040316	Machine Two Ltd	04/02/2022	4040316	22155153.4	
4040418	Sony Group Corporation	23/09/2020	4040418	20870703.4	
4042273	INTEL Corporation	08/10/2019	4042273	19948627.5	
4042671	Huawei Technologies Co., Ltd.	21/11/2019	4042671	19953229.2	
4042835	BSH Hausgeräte GmbH	24/09/2020	4042835	20775012.6	German
4042968	Align Technology, Inc.	02/06/2017	4042968	22166742.1	
4043138	Kabushiki Kaisha Yaskawa Denki	03/02/2022	4043138	22154945.4	
4043140	JFE Steel Corporation	06/10/2020	4043140	20873677.7	
4043906	Nokia Technologies Oy	15/02/2022	4043906	22156695.3	
4044333	Prime Planet Energy & Solutions, Inc.	17/01/2022	4044333	22151712.1	
4044373	Huawei Technologies Co., Ltd.	07/11/2019	4044373	19951367.2	
4044422	Astemo, Ltd.	07/10/2020	4044422	20873523.3	
4044431	STMicroelectronics S.r.l.	24/01/2022	4044431	22153004.1	
4044463	Huawei Technologies Co., Ltd.	06/11/2020	4044463	20884032.2	
4044788	Amazonen-Werke H. Dreyer SE & Co. KG	01/10/2020	4044788	20789866.9	German
4044793	Kave, Dennis Matthew	07/10/2020	4044793	20876418.3	
4045138	Patensee Ltd.	18/10/2020	4045138	20876006.6	
4046141	Honeywell International Inc.	29/09/2020	4046141	20792722.9	
4046583	Olympus Winter & Ibe GmbH	15/02/2022	4046583	22156720.9	German
4046614	Daio Paper Corporation	18/11/2020	4046614	20890640.4	
4046819	Sumitomo Rubber Industries, Ltd.	09/07/2020	4046819	20880089.6	
4047117	Schulthess Maschinen AG	16/02/2022	4047117	22157017.9	German
4047543	Distro Energy B.V.	23/02/2022	4047543	22158211.7	
4047603	Hitachi, Ltd.	24/01/2022	4047603	22152926.6	
4047971	Nokia Technologies Oy	17/02/2022	4047971	22157200.1	
4048473	Alpha Assembly Solutions Inc.	20/10/2020	4048473	20801151.0	
4050199	Astemo, Ltd.	18/09/2020	4050199	20879440.4	
4050221	GD Midea Environment Appliances MFG Co., Ltd. Midea Group Co., Ltd.	18/06/2020	4050221	20914498.9	

4050700	1001297676 ONTARIO INC.	30/05/2018	4050700	22160833.4	
4050701	1001297676 ONTARIO INC.	30/05/2018	4050701	22160836.7	
4050718	LG Energy Solution, Ltd.	19/04/2021	4050718	21797058.1	
4051097	The Trustees of the University of Pennsylvania	29/10/2020	4051097	20883006.7	
4051905	Hale Products, Inc.	28/10/2020	4051905	20880719.8	
4052217	Microsoft Technology Licensing, LLC	18/10/2020	4052217	20807161.3	
4052288	Raytheon Company	28/10/2020	4052288	20812160.8	
4052333	Advanced Fusion Systems LLC	09/01/2020	4052333	20882396.3	
4052366	ABB SCHWEIZ AG	30/10/2019	4052366	19797253.2	
4052557	Deprez Construct NV	31/01/2022	4052557	22154334.1	
4052935	SOMIC MANAGEMENT HOLDINGS INC.	22/10/2020	4052935	20882565.3	
4053255	Amorepacific Corporation	28/02/2022	4053255	22159165.4	
4053348	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	03/03/2022	4053348	22160096.8	German
4054025	TE Connectivity Japan G.K.	27/10/2020	4054025	20883355.8	
4054490	Reflow Medical, Inc.	04/11/2020	4054490	20816718.9	
4054498	Rennig, Alexander Fabian	05/11/2020	4054498	20803497.5	German
4054597	Alkahest, Inc.	03/11/2020	4054597	20884002.5	
4055088	Cambium Biomaterials, Inc.	04/11/2020	4055088	20885028.9	
4055226	Ojjo, Inc.	06/11/2020	4055226	20885709.4	
4055378	Commonwealth Scientific and Industrial Research Organisation	06/11/2020	4055378	20885191.5	
4055622	Hubbell Incorporated	06/11/2020	4055622	20885704.5	
4055684	Cummins Generator Technologies Limited	04/11/2020	4055684	20804630.0	
4055909	Lenovo (Beijing) Limited	07/11/2019	4055909	19951515.6	
4056453	Techtronic Cordless GP	08/11/2019	4056453	19951958.8	
4056763	Wacker Neuson Linz GmbH	26/01/2022	4056763	22153361.5	German
4057122	Huawei Technologies Co., Ltd.	15/12/2020	4057122	20905668.8	
4057951	Betterguards Technology GmbH	16/11/2020	4057951	20808090.3	German
4058013	Certmedica International GmbH	16/11/2020	4058013	20821125.0	
4058103	SHL Medical AG	12/10/2020	4058103	20789974.1	
4058316	Stellantis Auto SAS	15/10/2020	4058316	20799773.5	French
4058694	Küster Holding GmbH	10/11/2020	4058694	20804501.3	German
4059802	Hanning & Kahl GmbH & Co. KG	15/02/2022	4059802	22156711.8	German
4060588	SHENZHEN GOODIX TECHNOLOGY CO., LTD.	05/02/2021	4060588	21765817.8	
4060619	CELSYS, Inc.	25/01/2021	4060619	21789321.3	
4060669	Samsung Electronics Co., Ltd.	15/03/2022	4060669	22162094.1	
4060768	Ningde Amperex Technology Limited	14/11/2019	4060768	19946253.2	
4061166	RSD Holdings Limited	19/11/2020	4061166	20889264.6	
4061812	Bristol-Myers Squibb Company	18/11/2020	4061812	20824378.2	
4061865	Henkel AG & Co. KGaA	05/11/2020	4061865	20803773.9	
4062103	Jupiter Oxygen Corporation	14/12/2020	4062103	20901058.6	
4062229	Magic Leap, Inc.	19/11/2020	4062229	20889099.6	
4062309	Ant Blockchain Technology (Shanghai) Co., Ltd.	25/11/2020	4062309	20962731.4	
4062369	Xailient	20/11/2020	4062369	20890376.5	
4062668	LG Electronics Inc.	20/10/2020	4062668	20889305.7	
4063296	ESE World B.V.	12/01/2022	4063296	22151196.7	
4063931	LG Innotek Co., Ltd.	11/11/2020	4063931	20888925.3	
4064123	HUAWEI TECHNOLOGIES CO., LTD.	19/11/2020	4064123	20899559.7	
4064696	Casio Computer Co., Ltd.	11/03/2022	4064696	22161622.0	
4065493	Exotec Product France	16/11/2020	4065493	20803890.1	French
4066360	Sew-Eurodrive GmbH & Co. KG	28/10/2020	4066360	20801152.8	German
4066504	Tencent America LLC	29/06/2021	4066504	21892499.1	
4066773	CYBERDYNE INC.	24/11/2020	4066773	20893264.0	
4067365	ADEKA CORPORATION	16/11/2020	4067365	20894682.2	
4067453	Tokyo University of Science Foundation	24/12/2020	4067453	20904276.1	
4067748	LG ELECTRONICS INC.	10/09/2020	4067748	20892689.9	
4067757	BIOWAIR TOTAL SYSTEMS, S.L.	27/11/2020	4067757	20829617.8	

4068039	Sany Special Purpose Vehicle Co., Ltd.	20/05/2021	4068039	21812780.1	
4068160	BIGO TECHNOLOGY PTE. LTD.	20/08/2020	4068160	20892477.9	
4068634	Wilson Electronics, LLC	01/07/2021	4068634	22169584.4	
4068665	Samsung Electronics Co., Ltd.	06/01/2021	4068665	21738895.8	
4069054	Institut Hospitalo-Universitaire de Chirurgie Mini-Invasive Guidée par l'Image	02/12/2020	4069054	20828033.9	French
4069182	Laboratoires M & L	26/11/2020	4069182	20824319.6	French
4069344	Medtronic Ireland Manufacturing Unlimited Company	03/12/2020	4069344	20820120.2	
4069530	Camso Inc.	07/12/2020	4069530	20895401.6	
4069589	SAFRAN ELECTRONICS & DEFENSE	01/12/2020	4069589	20812117.8	French
4069680	FMC CORPORATION	02/12/2020	4069680	20829091.6	
4069766	Dow Global Technologies LLC Dow Silicones Corporation	12/11/2020	4069766	20821472.6	
4070446	Robert Bosch GmbH	17/11/2020	4070446	20808338.6	German
4071529	Corning Research & Development Corporation	30/11/2017	4071529	22169688.3	
4071530	Corning Research & Development Corporation	30/11/2017	4071530	22169690.9	
4071768	Optellum Limited	06/04/2022	4071768	22166874.2	
4072117	Huawei Technologies Co., Ltd.	23/12/2020	4072117	20906326.2	
4072494	The Procter & Gamble Company	07/12/2020	4072494	20828733.4	
4072739	Mankiewicz Gebr. & Co. GmbH & Co. KG	10/12/2020	4072739	20841655.2	German
4073299	TECHNOCELL AG	05/12/2020	4073299	20829658.2	
4073397	Saint-Gobain Performance Plastics Rencol Limited	11/12/2020	4073397	20829558.4	
4073487	Alcon Inc.	11/12/2020	4073487	20833950.7	
4073744	Smiths Detection France S.A.S.	11/12/2020	4073744	20829626.9	
4073979	BASF SE	08/12/2020	4073979	20817398.9	
4074353	DEKA Products Limited Partnership	13/04/2007	4074353	22160534.8	
4075091	COGNEX CORPORATION	11/09/2019	4075091	22171007.2	
4076002	International N&H Denmark ApS	18/12/2020	4076002	20842787.2	
4076360	L'OREAL	18/12/2020	4076360	20838048.5	
4076947	Corning Incorporated	09/12/2020	4076947	20903413.1	
4077058	Zoox, Inc.	11/12/2020	4077058	20901496.8	
4077258	Center for Intelligent Research in Crystal Engineering, S.L.	18/12/2020	4077258	20838441.2	
4078146	Commissariat à l'Energie Atomique et aux Energies Alternatives	16/12/2020	4078146	20824259.4	French
4078231	Sagemcom Broadband SAS	18/12/2020	4078231	20829940.4	French
4078272	Budapesti Műszaki és Gazdaságtudományi Egyetem	08/10/2020	4078272	20821057.5	
4078893	Commissariat à l'Energie Atomique et aux Energies Alternatives	09/12/2020	4078893	20820148.3	French
4078923	ORANGE	14/12/2020	4078923	20848867.6	
4079080	Huawei Technologies Co., Ltd.	21/12/2020	4079080	20902411.6	
4079377	Trublue LLC	22/04/2022	4079377	22169360.9	
4080092	Eagle Industry Co., Ltd.	16/12/2020	4080092	20903690.4	
4080648	Panasonic Energy Co., Ltd.	25/11/2020	4080648	20901432.3	
4080871	Canon Kabushiki Kaisha	12/04/2022	4080871	22167764.4	
4082496	Ontex BV Ontex Group NV	06/07/2020	4082496	22169157.9	
4083207	National Institute Of Advanced Industrial Science and Technology	25/12/2020	4083207	20904326.4	
4083484	Toyox Co., Ltd.	05/10/2020	4083484	20904293.6	
4083555	Carrier Corporation	26/04/2022	4083555	22170142.8	
4083568	Hitachi High-Tech Corporation	27/08/2020	4083568	20905149.9	
4083935	Oriental Bluesky Titanium Technology Co. Ltd	12/08/2021	4083935	21190977.5	
4083966	Airbus Operations (S.A.S.)	27/04/2022	4083966	22170172.5	French
4084045	Commissariat à l'Energie Atomique et aux Energies Alternatives	26/04/2022	4084045	22170109.7	French

4084199	LG Energy Solution, Ltd.	15/09/2021	4084199	21877874.4	
4085494	Pivotal Commware, Inc.	31/08/2020	4085494	20908525.7	
4085717	QUALCOMM INCORPORATED	19/01/2020	4085717	20913221.6	
4085885	Sanko Tekstil Isletmeleri San. Ve Tic. A.S.	21/02/2018	4085885	22179952.1	
4086447	RTX Corporation	06/05/2022	4086447	22172178.0	
4086448	RTX Corporation	06/05/2022	4086448	22172188.9	
4086653	T-Mobile USA, Inc.	31/03/2022	4086653	22166219.0	
4086705	CANON KABUSHIKI KAISHA	27/12/2019	4086705	22177229.6	
4087393	Spotta Limited	05/02/2021	4087393	21704922.0	
4087577	Principia Biopharma Inc.	05/01/2021	4087577	21702343.1	
4087727	The Procter & Gamble Company	08/01/2021	4087727	21703105.3	
4088250	Climate LLC	07/01/2021	4088250	21738969.1	
4088337	ElringKlinger AG	05/01/2021	4088337	21700829.1	German
4088564	LG ELECTRONICS INC.	18/12/2020	4088564	20911544.3	
4088712	Amorepacific Corporation	11/12/2020	4088712	20898263.7	
4089404	Veolia Environnement	11/05/2022	4089404	22172746.4	French
4089529	Google LLC	08/08/2018	4089529	22182809.8	
4090267	Medtronic Xomed, Inc.	11/01/2021	4090267	21704064.1	
4090616	Safe Rack, LLC	19/01/2021	4090616	21740799.8	
4090643	BASF SE	08/01/2021	4090643	21700503.2	
4090905	Sheltered Wings, Inc.	14/01/2021	4090905	21740784.0	
4090910	Sony Interactive Entertainment Inc.	08/01/2021	4090910	21741097.6	
4090950	Intelligent Imaging Innovations, Inc.	13/01/2021	4090950	21741924.1	
4091423	AGCO International GmbH	13/05/2022	4091423	22173135.9	
4092803	LG Energy Solution, Ltd.	21/07/2021	4092803	21856086.0	
4092995	Pensando Systems Inc.	18/05/2022	4092995	22174152.3	
4093618	Evectek Ltd	25/01/2021	4093618	21703510.4	
4095978	LG Energy Solution, Ltd.	29/09/2021	4095978	21886585.5	
4096167	LG Energy Solution, Ltd.	05/10/2021	4096167	21877957.7	
4096509	THE GENERAL HOSPITAL CORPORATION	29/01/2021	4096509	21776191.5	
4096575	Suzhou Zenith Vascular Scitech Limited	06/04/2021	4096575	21890521.4	
4096662	Alivus Life Sciences Limited	27/01/2021	4096662	21747137.4	
4096848	The Administrators of the Tulane Educational Fund	27/01/2021	4096848	21747782.7	
4097917	nChain Licensing AG	19/01/2021	4097917	21703311.7	
4097960	Hewlett-Packard Development Company, L.P.	13/07/2020	4097960	20916277.5	
4098045	QUALCOMM INCORPORATED	29/01/2020	4098045	20916831.9	
4098072	QUALCOMM INCORPORATED	27/01/2021	4098072	21707131.5	
4099034	LG Energy Solution, Ltd.	28/09/2021	4099034	21880357.5	
4099267	Tencent Technology (Shenzhen) Company Limited	18/06/2021	4099267	21852878.4	
4099582	SHIMADZU CORPORATION	27/01/2020	4099582	20916302.1	
4099814	Omnicult Farmconcept GmbH	01/02/2021	4099814	21702976.8	German
4100170	Council of Scientific and Industrial Research	07/04/2021	4100170	21828002.2	
4100826	Micron Technology, Inc.	27/01/2021	4100826	21751273.0	
4100890	Consejo Superior De Investigaciones Cientificas Universität Zürich	21/01/2021	4100890	21701598.1	
4101424	TROD-3OD	07/06/2022	4101424	22177578.6	French
4101836	Mitsui Chemicals, Inc.	05/02/2021	4101836	21750893.6	
4101909	Continental Reifen Deutschland GmbH	18/05/2022	4101909	22173992.3	German
4102335	STMicroelectronics (Rousset) SAS STMicroelectronics S.r.l.	19/05/2022	4102335	22305741.5	
4102458	Tencent Technology (Shenzhen) Company Limited	11/08/2021	4102458	21860143.3	
4102727	PROSE Technologies (Suzhou) Co., Ltd.	15/09/2021	4102727	21196756.7	
4103092	Medical Microinstruments, Inc.	10/02/2021	4103092	21704958.4	
4103413	SAF-HOLLAND GmbH	10/02/2021	4103413	21705138.2	German
4104431	Prophesee	12/02/2021	4104431	21706201.7	

4104629	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	03/02/2021	4104629	21702279.7	
4104884	Eli Lilly and Company	14/08/2018	4104884	22189084.1	
4104923	II-VI Incorporated	25/10/2016	4104923	22181173.0	
4104932	Graco Minnesota Inc.	31/05/2022	4104932	22176324.6	
4105376	Schauerhuber GmbH	24/05/2022	4105376	22175126.6	German
4106038	LG Energy Solution, Ltd.	14/10/2021	4106038	21889415.2	
4106202	Motorcomm Electronic Technology Co., Ltd.	26/11/2021	4106202	21210644.7	
4106270	Schneider Electric Industries SAS	16/06/2022	4106270	22179363.1	French
4106323	Canon Kabushiki Kaisha	10/06/2022	4106323	22178476.2	
4106338	Beijing Baidu Netcom Science and Technology Co., Ltd.	14/08/2020	4106338	20864257.9	
4106598	Ambu A/S	18/02/2021	4106598	21706905.3	
4106602	Ambu A/S	18/02/2021	4106602	21707195.0	
4107613	Huawei Technologies Co., Ltd.	18/01/2021	4107613	21701088.3	
4107837	DieEnergiekoppler GmbH	19/02/2021	4107837	21710879.4	German
4107880	Bayerische Motoren Werke Aktiengesellschaft	21/02/2020	4107880	20706709.1	
4108130	Spectrum Brands, Inc.	12/07/2018	4108130	22190369.3	
4108909	Wobben Properties GmbH	23/10/2018	4108909	22184362.6	German
4109425	Fujitsu Frontech Systems Limited	21/02/2020	4109425	20919509.8	
4109427	Fujitsu Frontech Limited	21/02/2020	4109427	20920209.2	
4110145	Fujitsu Frontech Systems Limited				
4110145	Tarenga, Roberto	24/02/2021	4110145	21760333.1	
4110531	Meyer Intellectual Properties Limited Cheng, Stanley, Kin, Sui				
4110531	NEBU-TEC med. Produkte Eike Kern GmbH	08/06/2020	4110531	20740210.8	German
4111002	CNH Industrial Italia S.p.A.	25/02/2021	4111002	21712678.8	
4111259	Coherent LaserSystems GmbH & Co. Kg	26/02/2021	4111259	21709361.6	
4111380	Huawei Technologies Co., Ltd.	16/07/2020	4111380	20945087.3	
4111711	TENCENT AMERICA LLC	14/10/2021	4111711	21931939.9	
4112188	Hedwitschak, Christian	10/06/2022	4112188	22178440.8	
4112958	Aktiebolaget SKF	21/06/2022	4112958	22180163.2	German
4113324	PreciPoint GmbH	30/06/2021	4113324	21182811.6	
4113839	Samsung Electronics Co., Ltd.	22/06/2022	4113839	22180530.2	
4114247	Medtronic MiniMed, Inc.	25/01/2021	4114247	21705824.7	
4114532	JØNI HOLDING ApS	23/02/2021	4114532	21733370.7	
4115496	Samsung Electronics Co., Ltd.	28/05/2021	4115496	21812225.7	
4116501	Vermeer Manufacturing Company	28/06/2022	4116501	22181687.9	
4116505	CNH Industrial Italia S.p.A.	30/06/2022	4116505	22182257.0	
4118850	FBConsulting S.à r.l.	12/03/2021	4118850	21712466.8	
4118922	Samsung Electronics Co., Ltd.	08/04/2021	4118922	21784763.1	
4119036	Welch Allyn, INC.	12/07/2022	4119036	22184461.6	
4119618	Asahi Kasei Kabushiki Kaisha	11/03/2020	4119618	20924088.6	
4119810	NTN Corporation	10/02/2021	4119810	21768483.6	
4119874	ELECTROLUX APPLIANCES AKTIEBOLAG	14/07/2021	4119874	21185619.0	
4120215	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	02/04/2020	4120215	20929078.2	
4120481	H & B Electronic GmbH & Co. KG	31/05/2022	4120481	22176487.1	German
4120565	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	15/07/2021	4120565	21185740.4	
4120793	Huawei Technologies Co., Ltd.	02/04/2021	4120793	21785058.5	
4122305	CNH Industrial Italia S.p.A.	18/07/2022	4122305	22185414.4	
4122994	Resonac Corporation	20/04/2021	4122994	21936250.6	
4123006	The Procter & Gamble Company	19/07/2021	4123006	21186302.2	

4123335	Kyocera Corporation KYOCERA Document Solutions Inc.	03/03/2021	4123335	21770776.9	
4123586	Imagination Technologies Limited	20/07/2022	4123586	22186120.6	
4124672	Samsung Display Co., Ltd.	26/07/2022	4124672	22186997.7	
4124712	GIESSE S.P.A.	11/07/2022	4124712	22184132.3	
4128729	Samsung Electronics Co., Ltd.	14/07/2021	4128729	21880281.7	
4129091	Turanli, Salih	04/08/2022	4129091	22188896.9	German
4129390	Daegu Gyeongbuk Institute Of Science and Technology	17/12/2020	4129390	20928261.5	
4130940	Rockwell Collins, Inc.	04/08/2022	4130940	22188883.7	
4131312	CASCO SIGNAL LTD.	18/09/2021	4131312	21912328.8	
4132027	Huawei Technologies Co., Ltd.	24/04/2020	4132027	20932185.0	
4132091	ZTE Corporation	31/12/2020	4132091	20929156.6	
4132145	NTT DOCOMO, INC.	27/03/2020	4132145	20926741.8	
4132173	Huawei Technologies Co., Ltd.	19/04/2021	4132173	21792432.3	
4132727	Gema Switzerland GmbH	06/04/2021	4132727	21718065.2	German
4132803	Towles Lawson, Jr., Thomas	07/04/2021	4132803	21785464.5	
4133764	Apple Inc.	03/06/2020	4133764	20935602.1	
4133789	ZTE Corporation	10/04/2020	4133789	20895540.1	
4133964	LG Electronics, Inc.	11/09/2020	4133964	20929828.0	
4133967	LG Electronics, Inc.	11/09/2020	4133967	20930602.6	
4134519	RTX Corporation	15/08/2022	4134519	22190418.8	
4134714	Nippon Kayaku Kabushiki Kaisha MITSUBISHI GAS CHEMICAL COMPANY, INC. MGC Filsheet Co., Ltd.	02/04/2021	4134714	21784010.7	
4134814	Huawei Cloud Computing Technologies Co., Ltd.	12/04/2021	4134814	21797302.3	
4135404	Apple Inc.	27/09/2019	4135404	22197577.4	
4135478	Shenzhen Smoore Technology Limited	12/08/2022	4135478	22190231.5	
4135639	ConvaTec Limited	14/04/2021	4135639	21721584.7	
4135643	Children's Medical Center Corporation	13/04/2021	4135643	21789394.0	
4135690	Sumitomo Pharma America, Inc.	13/04/2021	4135690	21723520.9	
4135787	Fresenius Medical Care Holdings, Inc.	13/04/2021	4135787	21723532.4	
4135801	Terraplasma medical GmbH	08/07/2021	4135801	21736621.0	
4135820	Vigmed AB	07/04/2021	4135820	21788881.7	
4135953	The Gillette Company LLC	15/04/2021	4135953	21724420.1	
4136634	Dolby Laboratories Licensing Corporation	16/04/2021	4136634	21723091.1	
4136836	QUALCOMM INCORPORATED	16/04/2021	4136836	21724436.7	
4137279	BHS Technologies GmbH	20/08/2021	4137279	21192310.7	
4137916	Sony Interactive Entertainment LLC	13/07/2022	4137916	22184797.3	
4138184	BYD Company Limited	20/04/2021	4138184	21808137.0	
4138324	Sun Patent Trust	29/06/2012	4138324	22200771.8	
4138460	Huawei Technologies Co., Ltd.	23/04/2021	4138460	21804506.0	
4138503	Huawei Technologies Co., Ltd.	29/04/2020	4138503	20933847.4	
4138663	Magic Leap, Inc.	19/04/2021	4138663	21793045.2	
4139671	Mécanique Analytique Inc.	22/04/2021	4139671	21792710.2	
4141197	Rubi Tools Group, S.A.	03/02/2021	4141197	21924500.8	
4141576	Envisics Ltd.	05/08/2022	4141576	22188932.2	
4142675	Omya International AG	21/04/2021	4142675	21719649.2	
4142775	Ageronix SA	03/05/2021	4142775	21723704.9	
4142845	Hollister Incorporated	29/04/2021	4142845	21727296.2	
4143412	New Bridge Resource Development Fund, LP	28/04/2021	4143412	21795521.0	
4143424	Horse Powertrain Solutions, S.L.U.	13/04/2021	4143424	21718571.9	French
4143427	Trans Astronautica Corporation	26/04/2021	4143427	21822013.5	
4143431	Siemens Gamesa Renewable Energy A/S	22/04/2021	4143431	21725397.0	
4143620	Till I.D. GmbH	27/04/2021	4143620	21722792.5	
4143785	Hologic, Inc.	12/04/2021	4143785	21723069.7	
4143823	Google LLC	10/12/2021	4143823	21839788.3	
4144168	QUALCOMM INCORPORATED	30/04/2020	4144168	20933850.8	
4144340	Beiersdorf AG	18/07/2022	4144340	22185395.5	German

4144551	NISSAN MOTOR CO., LTD.	27/04/2020	4144551	20933195.8	
4144598	ZF Automotive Technologies (Shanghai) Co., Ltd	09/04/2021	4144598	21785515.4	
4145155	Lg Chem, Ltd.	26/11/2021	4145155	21898698.2	
4145407	Aptiv Technologies AG	11/08/2021	4145407	21190812.4	
4145733	Huawei Technologies Co., Ltd.	16/04/2021	4145733	21817758.2	
4146422	National Oilwell Varco, L.P.	30/04/2021	4146422	21800853.0	
4147681	Advanced Bifurcation Systems Inc.	25/09/2009	4147681	22191182.9	
4148330	Panasonic Intellectual Property Management Co., Ltd.	09/09/2022	4148330	22194787.2	
4148731	Beijing Honor Device Co., Ltd.	24/05/2022	4148731	22813079.5	
4148801	BOE Technology Group Co., Ltd.	03/02/2021	4148801	21923686.6	
4148886	LG Energy Solution, Ltd.	27/09/2021	4148886	21872975.4	
4149079	GE Aviation Systems Limited	25/01/2019	4149079	22203676.6	
4149511	THE UNIVERSITY OF SOUTHERN CALIFORNIA	14/05/2021	4149511	21802909.8	
4149922	3M Innovative Properties Company	22/04/2021	4149922	21722555.6	
4150205	LM Wind Power A/S LM WIND POWER R&D (HOLLAND) B.V. Blade Dynamics Limited	11/05/2021	4150205	21726606.3	
4150740	SEW-EURODRIVE GmbH & Co. KG	28/04/2021	4150740	21729805.8	German
4150766	Ascava, Inc.	10/05/2021	4150766	21803492.4	
4151536	Lanteris Space LLC	30/08/2022	4151536	22192936.7	
4151590	AS Strömungstechnik GmbH	29/08/2022	4151590	22192532.4	German
4152245	Sony Group Corporation	07/05/2021	4152245	21803938.6	
4152357	Huawei Technologies Co., Ltd.	20/05/2021	4152357	21809515.6	
4152694	Huawei Technologies Co., Ltd.	27/05/2021	4152694	21818908.2	
4152744	STMicroelectronics Ltd STMicroelectronics S.r.l.	13/09/2022	4152744	22195417.5	
4152871	Huawei Technologies Co., Ltd.	15/06/2021	4152871	21825178.3	
4153039	CorFlow Therapeutics AG	21/05/2021	4153039	21729012.1	
4153372	NSH TECHNOLOGY GmbH	20/04/2021	4153372	21739933.6	German
4153428	Magic Leap, Inc.	22/05/2021	4153428	21808112.3	
4153520	KONE Corporation	19/05/2020	4153520	20936133.6	
4153972	YSI, Inc.	19/05/2021	4153972	21809736.8	
4154251	Dolby International AB	17/05/2021	4154251	21724719.6	
4154411	Telefonaktiebolaget LM ERICSSON (PUBL)	18/05/2020	4154411	20728832.5	
4154555	Avery Dennison Retail Information Services LLC	18/05/2021	4154555	21734970.3	
4155700	Commissariat à l'Energie Atomique et aux Energies Alternatives	16/09/2022	4155700	22196161.8	French
4156011	INTEL Corporation	04/08/2022	4156011	22188875.3	
4156893	CNH Industrial Belgium NV	27/05/2021	4156893	21733667.6	
4156964	Mars Incorporated	21/05/2021	4156964	21733355.8	
4156990	Nicoventures Trading Limited	11/05/2021	4156990	21727513.0	
4157407	Medical Developments International Limited	02/06/2021	4157407	21817169.2	
4157539	Phoenix Waste Solutions, Inc.	01/06/2021	4157539	21818756.5	
4158195	Tsapovski, Yaroslav	26/05/2021	4158195	21813641.4	
4158482	International Business Machines Corporation	20/04/2021	4158482	21814423.6	
4159003	BSH Hausgeräte GmbH	20/05/2021	4159003	21726660.0	German
4159489	Pressure Systems International, LLC	13/07/2018	4159489	22208285.1	
4159772	Lubrizol Advanced Materials, Inc.	17/12/2015	4159772	22208448.5	
4160189	HORIBA, Ltd.	25/05/2021	4160189	21811914.7	
4160414	Microsoft Technology Licensing, LLC	04/11/2016	4160414	22209528.3	
4160952	Huawei Technologies Co., Ltd.	23/06/2021	4160952	21833258.3	
4161079	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	23/06/2021	4161079	21828375.2	
4161130	Huawei Technologies Co., Ltd.	12/06/2021	4161130	21832531.4	

4161589	SERPILLI, Roberto	31/05/2021	4161589	21740193.4	
4162263	Dräger Safety AG & Co. KGaA	27/05/2021	4162263	21730146.4	German
4162562	ElringKlinger AG	02/06/2021	4162562	21730888.1	German
4162760	Samsung Electronics Co., Ltd.	29/07/2021	4162760	21858493.6	
4162826	Philip Morris Products S.A.	17/12/2013	4162826	22211685.7	
4163042	MAN Truck & Bus SE	05/04/2019	4163042	22208093.9	German
4164216	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	02/06/2021	4164216	21837016.1	
4164959	Momentive Performance Materials GmbH	10/06/2021	4164959	21731785.8	
4165518	Snap Inc.	14/06/2021	4165518	21826935.5	
4166449	ROSEMOUNT AEROSPACE INC.	18/10/2022	4166449	22202217.0	
4166792	GD Midea Air-Conditioning Equipment Co., Ltd.	16/11/2020	4166792	20954974.0	
4167470	LG ELECTRONICS INC.	18/06/2020	4167470	20939964.1	
4167476	Qorvo US, Inc.	07/10/2022	4167476	22200300.6	
4167565	Sony Group Corporation	28/05/2021	4167565	21822198.4	
4167755	Coöperatie Koninklijke Cosun U.A.	23/06/2021	4167755	21736287.0	
4167775	Nicoventures Trading Limited	16/06/2021	4167775	21736663.2	
4168204	Strunk Connect Automated Solutions GmbH & Co. KG	21/06/2021	4168204	21736538.6	German
4168395	AC Immune SA	18/06/2021	4168395	21733822.7	
4168677	Edwards Limited	20/05/2021	4168677	21730263.7	
4169088	Novald GmbH	18/06/2021	4169088	21733807.8	
4169179	Tencent America LLC	30/06/2022	4169179	22834422.2	
4169487	Kirwan, David Phillip	29/09/2016	4169487	22213318.3	
4169551	Nipro Corporation	22/06/2021	4169551	21829750.5	
4169986	NIPPON STEEL CORPORATION	17/06/2021	4169986	21825453.0	
4170469	Vivo Mobile Communication Co., Ltd.	16/06/2021	4170469	21826476.0	
4170473	Vivo Mobile Communication Co., Ltd.	16/06/2021	4170473	21826694.8	
4170568	Avid Technology, Inc.	28/06/2019	4170568	22215417.1	
4170750	LG Energy Solution, Ltd.	08/10/2021	4170750	21880433.4	
4170793	LG Energy Solution, Ltd.	14/10/2021	4170793	21880556.2	
4170798	LG Energy Solution, Ltd.	07/01/2022	4170798	22736876.8	
4170980	Huawei Technologies Co., Ltd.	30/06/2020	4170980	20943639.3	
4171090	Samsung Electronics Co., Ltd.	18/06/2021	4171090	21826859.7	
4171143	Huawei Technologies Co., Ltd.	28/06/2021	4171143	21834250.9	
4171489	Unilever Global IP Limited	28/06/2021	4171489	21735325.9	
4171549	CV6 Therapeutics (NI) Limited	25/06/2021	4171549	21762534.2	
4172078	Euromatic S.r.l.	14/06/2021	4172078	21732132.2	
4172946	Oulun yliopisto	24/06/2021	4172946	21737699.5	
4173888	Bambino Prezioso Switzerland AG	29/06/2021	4173888	21834361.4	
4174310	LM Wind Power A/S	27/10/2021	4174310	21204984.5	
4175348	Nokia Solutions and Networks Oy	27/10/2022	4175348	22204001.6	
4175616	ADL FARMACEUTICI S.R.L.	01/07/2021	4175616	21748658.8	
4175635	Sea Pharmaceuticals LLC	02/07/2021	4175635	21833475.3	
4175693	Awak Technologies Pte Ltd	28/06/2021	4175693	21737837.1	
4176260	Automotive Coalition for Traffic Safety, Inc.	29/06/2021	4176260	21737832.2	
4176599	VOLVO TRUCK CORPORATION	02/07/2020	4176599	20739775.3	
4176673	Apple Inc.	06/08/2020	4176673	20948880.8	
4176711	Schauer Agrotronic GmbH	03/11/2022	4176711	22205330.8	German
4177404	J.C. Bamford Excavators Limited	20/10/2022	4177404	22202802.9	
4177469	LG Electronics Inc.	26/10/2022	4177469	22203968.7	
4177852	Hyundai Mobis Co., Ltd.	16/08/2022	4177852	22190494.9	
4177925	mitsubishi electric corporation	06/07/2020	4177925	20944371.2	
4178326	Wuhan Dr Laser Technology Corp., Ltd.	04/11/2022	4178326	22205647.5	
4178899	Blissera Corp.	08/07/2021	4178899	21838665.4	
4179007	Forschungszentrum Jülich GmbH	07/07/2021	4179007	21748520.0	German
4179372	AFL Telecommunications LLC	08/07/2021	4179372	21749929.2	
4179399	Siemens Aktiengesellschaft	14/08/2020	4179399	20949182.8	

4179923	Hefei Midea Refrigerator Co., Ltd. Hefei Hualing Co., Ltd. Midea Group Co., Ltd.	29/12/2021	4179923	21939988.8	
4180099	Tencent Technology (Shenzhen) Company Limited	17/01/2022	4180099	22742118.7	
4180638	RTX Corporation	14/11/2022	4180638	22207341.3	
4180958	Intel Corporation	14/11/2022	4180958	22207277.9	
4181453	Huawei Technologies Co. Ltd.	30/07/2021	4181453	21850537.8	
4181504	Huawei Technologies Co. Ltd.	18/06/2021	4181504	21838566.4	
4181569	KDDI Corporation	24/12/2021	4181569	21917720.1	
4181650	Samsung Display Co., Ltd.	02/11/2022	4181650	22204980.1	
4182001	Biogen MA Inc.	15/07/2021	4182001	21749973.0	
4182002	Biogen MA Inc.	15/07/2021	4182002	21749974.8	
4182207	Yang and Cohen Enterprises, Inc.	14/07/2021	4182207	21841701.2	
4182242	Storopack Hans Reichenecker GmbH	19/02/2021	4182242	21705226.5	
4182861	Tomra Systems ASA	15/07/2021	4182861	21742839.0	
4183181	Samsung Electronics Co., Ltd.	14/12/2021	4183181	21907064.6	
4183320	Essilor International	23/11/2021	4183320	21306631.9	
4183651	Motional AD LLC	03/04/2018	4183651	22204489.3	
4183671	Golec, Marcin	29/05/2020	4183671	22178375.6	
4184119	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	29/04/2021	4184119	21849359.1	
4184240	Shenzhen Guangyi Tech Co., Ltd.	13/07/2021	4184240	21841386.2	
4184271	Hamilton Sundstrand Corporation	17/11/2022	4184271	22208032.7	
4184825	Huawei Technologies Co. Ltd.	07/07/2021	4184825	21846445.1	
4184980	Huawei Technologies Co., Ltd.	18/04/2011	4184980	22200714.8	
4185983	Microsoft Technology Licensing, LLC	28/04/2021	4185983	21729680.5	
4186579	Hamilton Sundstrand Corporation	28/11/2022	4186579	22210011.7	
4186832	KRONES AG	25/11/2022	4186832	22209633.1	German
4186836	Superba	29/11/2021	4186836	21315253.1	French
4186960	BOE Technology Group Co., Ltd.	25/12/2020	4186960	20966609.8	
4187358	Phytium Technology Co., Ltd.	23/11/2022	4187358	22209114.2	
4187943	Bayerische Motoren Werke Aktiengesellschaft	30/11/2021	4187943	21211195.9	
4188238	Cilag GmbH International	06/05/2022	4188238	22724891.1	
4188260	Boston Scientific Scimed, Inc.	29/07/2021	4188260	21758517.3	
4188804	ISRAEL AEROSPACE INDUSTRIES LTD.	25/07/2021	4188804	21851354.7	
4190180	Japan Tobacco Inc.	30/07/2021	4190180	21849354.2	
4190228	Erbe Elektromedizin GmbH	03/12/2021	4190228	21212316.0	German
4190277	Shanghai Heisr Intelligent Technology Co., Ltd	24/02/2020	4190277	22214559.1	
4190352	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	26/07/2021	4190352	21849910.1	
4190370	BPR Swiss GmbH	29/11/2022	4190370	22210188.3	German
4190563	Tetra Laval Holdings & Finance S.A.	24/11/2022	4190563	22209414.6	
4191037	Ansaldo Energia Switzerland AG	01/12/2021	4191037	21211820.2	
4191305	Huawei Technologies Co. Ltd.	28/04/2021	4191305	21857223.8	
4191408	Huawei Technologies Co. Ltd.	04/08/2021	4191408	21860077.3	
4191711	LG Energy Solution, Ltd.	18/11/2021	4191711	21898496.1	
4191949	Huawei Technologies Co. Ltd.	27/05/2021	4191949	21855171.1	
4192049	Beijing Unisoc Communications Technology Co., Ltd.	06/07/2021	4192049	21848922.7	
4192093	Huawei Technologies Co. Ltd.	24/08/2021	4192093	21860363.7	
4192094	Huawei Technologies Co. Ltd.	06/08/2021	4192094	21855446.7	
4192457	Sen-Jam Pharmaceutical LLC	06/08/2021	4192457	21853813.0	
4192557	Fisher & Paykel Healthcare Limited	06/08/2021	4192557	21853648.0	
4192594	Riot Games Inc.	09/09/2021	4192594	21867559.3	
4194110	Deutsche Post AG	05/12/2022	4194110	22211314.4	German
4194285	Beijing Jingdong Qianshi Technology Co., Ltd.	22/12/2021	4194285	21919123.6	

4194314	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	08/09/2020	4194314	20952698.7	
4194731	Hampiaux SAS	01/12/2022	4194731	22210965.4	French
4194767	Hydronik Soluciones Tecnicas SL	28/07/2021	4194767	21853172.1	
4194843	Rigaku Corporation	30/11/2022	4194843	22210408.5	
4195324	SK On Co., Ltd.	08/12/2022	4195324	22212369.7	
4195649	Samsung Electronics Co., Ltd.	09/09/2021	4195649	21867131.1	
4195723	Huawei Technologies Co. Ltd.	27/08/2020	4195723	20950756.5	
4195738	NTT DOCOMO, INC.	06/08/2020	4195738	20948566.3	
4196947	Cortina Health, Inc.	10/08/2021	4196947	21856589.3	
4197204	Telefonaktiebolaget LM Ericsson (publ)	13/07/2021	4197204	21745293.7	
4197455	Lifetech Scientific (Shenzhen) Co., Ltd.	11/08/2021	4197455	21855581.1	
4197837	Inalfa Roof Systems Group B.V.	14/12/2021	4197837	21214285.5	
4198172	ABB SCHWEIZ AG	16/12/2021	4198172	21214975.1	
4198173	ABB SCHWEIZ AG	16/12/2021	4198173	21214977.7	
4198259	Sandvik Mining and Construction G.m.b.H.	17/12/2021	4198259	21215580.8	
4198636	Canon Kabushiki Kaisha	22/11/2022	4198636	22208720.7	
4199298	Contemporary Ampere Technology (Hong Kong) Limited	05/11/2021	4199298	21902295.1	
4199375	Huawei Technologies Co. Ltd.	31/08/2021	4199375	21863613.2	
4199484	Kunshan Go-Visionox Opto-Electronics Co., Ltd.	01/09/2021	4199484	21884678.0	
4200542	Moog Inc.	05/10/2021	4200542	21801727.5	
4201055	ZYGO CORPORATION	29/06/2021	4201055	21746239.9	
4201237	Shenzhen Smoore Technology Limited	15/12/2022	4201237	22213862.0	
4201687	Brother Kogyo Kabushiki Kaisha	17/09/2021	4201687	21875288.9	
4201752	JFE Steel Corporation	10/05/2021	4201752	21857994.4	
4202002	PPGSSC Co., Ltd	06/08/2021	4202002	21858509.9	
4202697	INTEL Corporation	01/11/2022	4202697	22204888.6	
4202830	ORANGE	14/12/2022	4202830	22213626.9	French
4203148	LG Energy Solution, Ltd.	06/10/2021	4203148	21878001.3	
4203564	INTEL Corporation	16/11/2022	4203564	22207810.7	
4203868	Giddy Holdings, Inc.	25/08/2021	4203868	21862661.2	
4204052	ResMed Sensor Technologies Limited	30/08/2021	4204052	21777911.5	
4204059	Blue Halo Biomedical, LLC	07/09/2021	4204059	21865255.0	
4204080	Cardiac Pacemakers, Inc.	26/08/2021	4204080	21786040.2	
4204218	Icomat Limited	09/10/2020	4204218	20825153.8	
4204748	NUOVO PIGNONE TECNOLOGIE - S.R.L.	13/08/2021	4204748	21758603.1	
4205449	QUALCOMM INCORPORATED	05/08/2021	4205449	21762282.8	
4205653	Biosense Webster (Israel) Ltd.	29/12/2022	4205653	22217063.1	
4206483	Aktiebolaget SKF	21/12/2022	4206483	22215716.6	
4206593	Samsung Electronics Co., Ltd.	05/01/2015	4206593	23157623.2	
4206854	LG Electronics Inc.	27/08/2020	4206854	20951629.3	
4206911	Huawei Technologies Co. Ltd.	13/09/2021	4206911	21871311.3	
4207057	Siemens Healthineers AG	28/12/2021	4207057	21217896.6	
4207098	FUJITSU LIMITED	15/09/2022	4207098	22195813.5	
4207183	TERUMO KABUSHIKI KAISHA	02/09/2021	4207183	21866634.5	
4207482	Fujikura Ltd.	22/03/2021	4207482	21860837.0	
4207819	Huawei Technologies Co. Ltd.	29/09/2020	4207819	20955532.5	
4208230	Janssen Pharmaceutica NV	01/09/2021	4208230	21773478.9	
4208381	Avante International Technology, Inc.	31/08/2021	4208381	21864979.6	
4208402	Sonoco Development, Inc.	02/08/2021	4208402	21758935.7	
4208628	TECHNION RESEARCH & DEVELOPMENT FOUNDATION LIMITED	30/08/2021	4208628	21863835.1	
4209070	QUALCOMM INCORPORATED	19/08/2021	4209070	21770098.8	
4209075	Apple Inc.	15/10/2020	4209075	20957170.2	
4209169	Optos PLC	26/03/2019	4209169	22209337.9	
	NIKON CORPORATION				
4209234	Fenwal, Inc.	09/01/2023	4209234	23150643.7	
4209890	Huawei Technologies Co. Ltd.	23/09/2021	4209890	21871528.2	

4210180	Huawei Technologies Co. Ltd.	15/07/2021	4210180	21868251.6	
4210443	Huawei Technologies Co. Ltd.	29/09/2021	4210443	21874563.6	
4210682	EyePoint, Inc.	13/09/2021	4210682	21867765.6	
4210777	Alcon Inc.	30/08/2021	4210777	21766002.6	
4210796	imtmedical ag	14/09/2020	4210796	20780345.3	
4210952	ZEISER GmbH	10/09/2021	4210952	21799170.2	German
4211383	Polyflow LLC	07/09/2021	4211383	21867437.2	
4211874	QUALCOMM INCORPORATED	23/08/2021	4211874	21772889.8	
4211941	QUALCOMM INCORPORATED	10/09/2021	4211941	21789912.9	
4212004	CNH Industrial Belgium N.V.	14/01/2022	4212004	22151576.0	
4212402	CRRC Datong Co., Ltd.	23/07/2021	4212402	21865708.8	
4212656	Trützschler Group SE	14/12/2022	4212656	22213399.3	German
4212774	General Electric Company	08/04/2022	4212774	22167363.5	
4212895	Hamilton Sundstrand Corporation	20/12/2022	4212895	22215185.4	
4214427	ABB SCHWEIZ AG	18/09/2020	4214427	20953682.0	
4214674	SPS Management, LLC	17/09/2021	4214674	21867994.2	
4215194	Dimerix Bioscience Pty Ltd	11/01/2012	4215194	23161550.1	
4216309	LG Energy Solution, Ltd.	30/08/2022	4216309	22868427.0	
4216325	Panasonic Intellectual Property Management Co., Ltd.	21/09/2021	4216325	21869479.2	
4216695	Samsung Electronics Co., Ltd.	30/12/2022	4216695	22217318.9	
4216720	Van Hessen Holding BV	22/09/2021	4216720	21871717.1	
4216721	Van Hessen Holding BV	22/09/2021	4216721	21871718.9	
4218147	T-Mobile Innovations LLC	07/09/2021	4218147	21786668.0	
4218480	NIKE Innovate C.V.	15/04/2019	4218480	23165571.3	
4218559	ICU Medical, Inc.	24/02/2015	4218559	23163219.1	
4218624	Wright Medical Technology, Inc.	21/12/2022	4218624	22215287.8	
4218652	Shenzhen Edge Medical Co., Ltd.	03/12/2020	4218652	20956605.8	
4218754	Vertex Pharmaceuticals Incorporated	13/11/2019	4218754	23154663.1	
4219199	Carrier Corporation	28/01/2022	4219199	22154077.6	
4219494	Corcept Therapeutics Incorporated	21/11/2014	4219494	23157691.9	
4220280	MAGIC LEAP, INC.	27/09/2017	4220280	23168280.8	
4220540	Canon Medical Systems Corporation	31/01/2023	4220540	23154173.1	
4220577	eBay Inc.	17/01/2023	4220577	23151963.8	
4220863	Huawei Technologies Co. Ltd.	19/08/2021	4220863	21884595.6	
4221285	Shanghai Tuge Data Technologies Co., Ltd.	14/10/2021	4221285	21899730.2	
4221487	LG Display Co., Ltd.	23/10/2015	4221487	23164630.8	
4222503	TMRW Life Sciences, Inc.	30/09/2021	4222503	21876482.7	
4222637	Google LLC	26/04/2021	4222637	21725925.8	
4223236	TERUMO Kabushiki Kaisha	25/10/2021	4223236	21886118.5	
4223244	BIOSENSE WEBSTER (ISRAEL) LTD.	05/07/2018	4223244	23176795.5	
4223639	B/E Aerospace, Inc.	30/01/2023	4223639	23153913.1	
4223889	ThyssenKrupp Steel Europe AG	11/10/2018	4223889	23165955.8	German
4224025	University of Fukui	24/09/2021	4224025	21875416.6	
4224059	EBARA CORPORATION				
4224059	Ichikoh Industries, Ltd.	29/09/2021	4224059	21875729.2	
4224418	Pie Medical Imaging BV	24/01/2018	4224418	23166051.5	
4224749	Huawei Technologies Co. Ltd.	20/04/2021	4224749	21884364.7	
4225184	CONMED Corporation	05/10/2021	4225184	21805703.2	
4225401	NEMERA LA VERPILLIERE	05/10/2021	4225401	21783546.1	French
4225541	Bobst Lyon	06/10/2021	4225541	21787444.5	
4225993	The Procter & Gamble Company	07/10/2021	4225993	21801391.0	
4226223	Universal Robots A/S	17/09/2021	4226223	21777949.5	
4226623	QUALCOMM INCORPORATED	07/10/2021	4226623	21802096.4	
4226676	QUALCOMM INCORPORATED	08/09/2021	4226676	21786730.8	
4227703	Telefonaktiebolaget LM Ericsson (publ)	13/11/2017	4227703	23169166.8	
4228470	Nike Innovate C.V.	13/10/2021	4228470	21802148.3	
4228552	Edwards Lifesciences Corporation	13/10/2021	4228552	21806887.2	
4228612	Avecho Biotechnology Limited	18/10/2021	4228612	21881369.9	
4228742	HeartHero, Inc.	14/10/2021	4228742	21881090.1	
4228951	Mercedes-Benz Group AG	03/05/2022	4228951	22727281.2	German
4229477	Sioptica GmbH	11/10/2021	4229477	21790197.4	German

4229479	Vitro Flat Glass LLC	14/10/2021	4229479	21881075.2	
4229588	Cognex Corporation	15/10/2021	4229588	21805783.4	
4229946	Nokia Technologies Oy	22/09/2021	4229946	21790558.7	
4230912	Vaillant GmbH	16/02/2023	4230912	23156976.5	German
4231080	Letinar Co., Ltd	08/07/2021	4231080	21880278.3	
4231088	Huawei Technologies Co. Ltd.	29/11/2021	4231088	21897179.4	
4231147	Huawei Technologies Co. Ltd.	12/11/2021	4231147	21891205.3	
4231159	Huawei Technologies Co. Ltd.	09/09/2021	4231159	21890775.6	
4231233	Deutsches Zentrum für Luft- und Raumfahrt e.V.	10/02/2023	4231233	23156092.1	German
4231329	Contemporary Amperex Technology (Hong Kong) Limited	31/12/2021	4231329	21963472.2	
4231672	Tencent Technology (Shenzhen) Company Limited	25/11/2021	4231672	21925466.1	
4231812	Nanjing Chervon Industry Co., Ltd.	18/09/2021	4231812	21957151.0	
4231936	3D Systems, Inc.	14/10/2021	4231936	21805752.9	
4232322	Thermoflex Corporation	25/10/2021	4232322	21887810.6	
4232949	Visa International Service Association	24/08/2021	4232949	21883481.0	
4233113	Robert Bosch GmbH	01/10/2021	4233113	21786459.4	German
4233688	TOPCON CORPORATION	11/10/2021	4233688	21882642.8	
4233757	Boston Scientific Scimed, Inc.	22/05/2017	4233757	23180406.3	
4233780	Denflex Co., Ltd.	14/10/2021	4233780	21883119.6	
4233980	St. Jude Medical, Cardiology Division, Inc.	22/12/2022	4233980	22216209.1	
4234861	Illinois Tool Works Inc.	10/01/2020	4234861	23177729.3	German
4235132	Valcom Co., Ltd.	08/10/2021	4235132	21882638.6	
	Eagle Industry Co., Ltd.				
4235420	Huawei Technologies Co. Ltd.	26/06/2018	4235420	23165232.2	
4236120	Huawei Technologies Co. Ltd.	30/10/2020	4236120	20959267.4	
4236431	Nokia Solutions and Networks Oy	28/02/2023	4236431	23158935.9	
4236813	RE CROSS CARDIO, INC.	29/10/2021	4236813	21810111.1	
4237076	Optoceutics ApS	25/10/2021	4237076	21807463.1	
	Technical University of Denmark				
4237108	Karsten Manufacturing Corporation	01/11/2021	4237108	21887741.3	
4237228	General Electric Company	27/10/2021	4237228	21811601.0	
4237336	Safran Landing Systems Canada Inc.	19/10/2021	4237336	21884201.1	
	Safran Landing Systems UK Ltd				
4237604	Lubrizol Advanced Materials, Inc.	26/10/2021	4237604	21820737.1	
4237732	LG Electronics Inc.	01/11/2021	4237732	21886936.0	
4238538	Boston Scientific Scimed, Inc.	04/08/2020	4238538	23169143.7	
4239455	HTC Corporation	27/02/2023	4239455	23158867.4	
4239608	Hochiki Corporation	30/10/2020	4239608	20959863.0	
4239958	Sistalk Technology (Beijing) Co., Ltd	25/10/2021	4239958	21885098.0	
4240058	MEDIATEK INC.	02/02/2023	4240058	23154717.5	
4240077	Huawei Technologies Co. Ltd.	30/11/2020	4240077	20963076.3	
4240099	Huawei Technologies Co. Ltd.	08/12/2020	4240099	20964527.4	
4240376	Quell Therapeutics Limited	09/11/2021	4240376	21806262.8	
4240953	Rolls-Royce Solutions GmbH	02/11/2021	4240953	21805480.7	German
4241395	Huawei Technologies Co. Ltd.	09/02/2022	4241395	22706545.5	
4241468	Boost SubscriberCo L.L.C.	08/11/2021	4241468	21820379.2	
4241718	Ethicon LLC	20/12/2019	4241718	23183605.7	
4241994	Kyocera Corporation	14/12/2021	4241994	21906607.3	
4243307	Nokia Solutions and Networks Oy	03/03/2023	4243307	23159959.8	
4243705	Cilag GmbH International	17/10/2022	4243705	22797879.8	
4245117	Deere & Company	02/03/2023	4245117	23159704.8	
4245242	Stryker Australia PTY LTD	14/03/2023	4245242	23161671.5	
4246501	Samsung Electronics Co., Ltd.	01/04/2022	4246501	22804829.4	
4246645	LG Energy Solution, Ltd.	08/09/2022	4246645	22870222.1	
4247099	Panasonic Intellectual Property Corporation of America	25/10/2017	4247099	23181357.7	
4247630	Harburg-Freudenberger Maschinenbau GmbH	15/11/2021	4247630	21819354.8	German
4247649	Telecom Italia S.p.A.	15/11/2021	4247649	21819032.0	

4247859	Rohm and Haas Company	15/11/2021	4247859	21844080.8	
4248082	Orbital Marine Power Limited	18/11/2021	4248082	21816138.8	
4248223	Daimler Truck AG	08/11/2021	4248223	21806724.7	
4248624	Swiftlink Technologies Inc.	19/10/2021	4248624	21894125.0	
4249366	Ocean Led Marine Ltd	21/03/2023	4249366	23163172.2	
4249741	General Electric Company	31/01/2023	4249741	23154339.8	
4249980	Honor Device Co., Ltd.	27/12/2022	4249980	22905457.2	
4249999	ORCA COMPUTING LIMITED	23/04/2021	4249999	23189923.8	
4250279	Dolby Laboratories Licensing Corporation	27/04/2021	4250279	23187123.7	
4250563	Roku, Inc.	15/11/2019	4250563	23190395.6	
4250775	Huawei Technologies Co. Ltd.	16/12/2021	4250775	21922597.6	
4251005	Ecocoat GmbH	24/11/2021	4251005	21819440.5	German
4251537	Stora Enso Oyj	22/11/2021	4251537	21816532.2	
4251799	Kemira Oyj	29/11/2021	4251799	21819539.4	
4252376	Lenovo (Singapore) Pte. Ltd.	23/11/2021	4252376	21823367.4	
4252791	LG Chem, Ltd.	31/10/2022	4252791	22887728.8	
4252795	The Children's Hospital of Philadelphia	13/12/2017	4252795	23177586.7	
4252894	Kolon Industries, Inc.	07/12/2021	4252894	21915579.3	
4253176	Astemo, Ltd.	25/11/2021	4253176	21898057.1	
4254339	Imagination Technologies Limited	29/03/2023	4254339	23165033.4	
4254701	NR ELECTRIC CO., LTD.	28/02/2022	4254701	22762461.6	
	NR Engineering Co., Ltd.				
	NR Electric Power Electronics Co., Ltd.				
4254812	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	29/10/2021	4254812	21905326.1	
4255312	MVRx, Inc.	07/12/2021	4255312	21904241.3	
4256130	Kemira OYJ	01/12/2021	4256130	21823337.7	
4256813	Dolby Laboratories Licensing Corporation	02/12/2021	4256813	21836677.1	
4256846	QUALCOMM INCORPORATED	29/10/2021	4256846	21820363.6	
4256896	Lenovo (Singapore) Pte. Ltd.	07/12/2021	4256896	21824075.2	
4257338	JUKI Corporation	01/03/2023	4257338	23159473.0	
4257370	The Goodyear Tire & Rubber Company	06/04/2023	4257370	23167011.8	
4258017	Elmos Semiconductor SE	31/03/2023	4258017	23165909.5	German
4258111	Huawei Technologies Co. Ltd.	22/12/2021	4258111	21919121.0	
4258316	Hofsaess, Marcel P.	08/10/2020	4258316	23194593.2	German
4258376	LG Energy Solution, Ltd.	27/10/2022	4258376	22893077.2	
4258793	Huawei Technologies Co. Ltd.	11/10/2021	4258793	21913318.8	
4259256	Bard Access Systems, Inc.	21/12/2021	4259256	21856962.2	
4260011	Volkswagen Aktiengesellschaft	04/11/2021	4260011	21806209.9	German
4260081	Banner Engineering Corporation	10/01/2022	4260081	22700448.8	
4260147	Endress+Hauser Process Solutions AG	18/11/2021	4260147	21816371.5	German
4260194	Capital One Services, LLC	09/12/2021	4260194	21904365.0	
4260276	Koninklijke Philips N.V.	28/11/2021	4260276	21823232.0	
4260944	MANN+HUMMEL GmbH	13/04/2022	4260944	22305534.4	
4260964	Astemo, Ltd.	13/12/2021	4260964	21906562.0	
4261275	Foundation Of Soongsil University-Industry Cooperation	19/01/2021	4261275	21898216.3	
4261310	BAOSHAN IRON & STEEL CO., LTD.	11/01/2022	4261310	22738986.3	
4261648	Embraer S.A.	12/04/2023	4261648	23167485.4	
4261801	NTT, Inc.	08/12/2020	4261801	20965036.5	
4261865	mitsubishi electric corporation	09/12/2020	4261865	20965083.7	
4262262	DENSO CORPORATION	29/09/2021	4262262	21906094.4	
4262910	Koninklijke Philips N.V.	16/12/2021	4262910	21839172.0	
4263123	DMG MORI Pfronten GmbH	30/11/2021	4263123	21824310.3	German
4263692	Biocon Biologics Limited	24/01/2022	4263692	22749311.1	
4264573	Stamp Free Limited	17/12/2021	4264573	21830482.2	
4264948	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	20/12/2021	4264948	21839572.1	
4265895	Hamilton Sundstrand Corporation	17/04/2023	4265895	23168276.6	
4266063	Rigol Technologies Co., Ltd.	23/02/2022	4266063	22758885.2	
4266177	Google LLC	16/09/2022	4266177	22196132.9	

4266510	Isolectra B.V.	14/04/2023	4266510	23167931.7	
4267493	Maricap Oy	24/02/2022	4267493	22766433.1	
4267659	Momentive Performance Materials Inc.	23/11/2021	4267659	21834992.6	
4267837	TVS Motor Company Limited	09/12/2021	4267837	21841040.5	
4267951	F. Hoffmann-La Roche AG	20/12/2021	4267951	21843660.8	
4268005	Snap Inc.	23/12/2021	4268005	21844339.8	
4268025	Jems, Energetska Druzba, D.o.o.	20/01/2022	4268025	22703564.9	
4268177	Telesis Innovation AB	27/05/2021	4268177	21911666.2	
4268232	Universal Diagnostics, S.A.	22/12/2021	4268232	21912193.6	
4268747	BIOSENSE WEBSTER (ISRAEL) LTD.	27/04/2023	4268747	23170233.3	
4268816	Alphanavi Pharma Inc. Sumitomo Pharma Co., Ltd.	22/12/2021	4268816	21910857.8	
4269172	Goodrich Lighting Systems GmbH & Co. KG	27/04/2022	4269172	22170288.9	
4270192	Volvo Car Corporation	29/04/2022	4270192	22170799.5	
4270202	Hamilton Sundstrand Corporation	27/04/2023	4270202	23170324.0	
4270320	Dassault Systemes SolidWorks Corporation	27/04/2023	4270320	23170454.5	
4271014	Nokia Technologies Oy	20/04/2023	4271014	23168845.8	
4271073	LG Electronics, Inc.	29/12/2022	4271073	22217199.3	
4271098	NTT DOCOMO, INC.	24/12/2020	4271098	20966960.5	
4271226	Ozyegin Universitesi	30/12/2020	4271226	20968128.7	
4272026	PPC Broadband Fiber Ltd.	03/01/2022	4272026	22701448.7	
4272423	QUALCOMM INCORPORATED	04/01/2021	4272423	21912403.9	
4273200	IGM Group B.V.	06/05/2022	4273200	22172087.3	
4273400	PSG Germany GmbH	08/02/2017	4273400	23198291.9	
4273855	Iflytek Co., Ltd. University of Science and Technology of China	26/01/2021	4273855	21912486.4	
4274653	Becton, Dickinson and Company	07/01/2022	4274653	22737148.1	
4274720	Replace	07/01/2022	4274720	22701298.6	French
4274939	Wagner, Ulrich	02/02/2022	4274939	22702985.7	German
4275357	DISH NETWORK L.L.C.	05/01/2022	4275357	22701120.2	
4276377	France Air Aero Textile Concept	11/05/2023	4276377	23172821.3	French
4276385	Carrier Corporation	09/05/2023	4276385	23172453.5	
4277275	Beijing Dajia Internet Information Technology Co., Ltd.	12/12/2019	4277275	23196028.7	
4277527	Anvajo GmbH	11/01/2022	4277527	22701537.7	German
4277584	Savyon Diagnostics Ltd	02/01/2022	4277584	22739250.3	
4277796	Van Dam International Holding B.V.	13/01/2022	4277796	22700349.8	
4278051	Somfy Activites SA	13/01/2022	4278051	22700629.3	French
4278432	ODEH ASALEM AUTOMATION SYSTEMS- ODASCO (LLC)	14/01/2021	4278432	21919210.1	
4278494	Nokia Technologies Oy	17/01/2021	4278494	21918659.0	
4279288	BMC Medical Co., Ltd.	24/07/2019	4279288	23198438.6	
4279357	thyssenkrupp Presta Aktiengesellschaft thyssenkrupp AG	20/05/2022	4279357	22174518.5	German
4279428	HITACHI HIGH-TECH CORPORATION	13/10/2021	4279428	21919521.1	
4279532	Evonik Operations GmbH	05/05/2023	4279532	23171783.6	
4279855	Mersen France Py SAS	18/05/2022	4279855	22174014.5	
4280035	Vivo Mobile Communication Co., Ltd.	14/01/2022	4280035	22739142.2	
4280410	Huawei Digital Power Technologies Co., Ltd.	18/05/2023	4280410	23174193.5	
4280613	Lemon Inc.	31/01/2022	4280613	22750130.1	
4280632	ZTE Corporation	17/01/2022	4280632	22739170.3	
4281671	Copeland LP	20/01/2022	4281671	22743170.7	
4281742	Watts Regulator Co.	19/01/2022	4281742	22743094.9	
4281932	Koninklijke Philips N.V.	18/01/2022	4281932	22702619.2	
4282680	ArvinMeritor Technology, LLC	22/05/2023	4282680	23174447.5	
4283037	Synthetic Turf Resources	14/07/2022	4283037	22184947.4	
4283566	Google LLC	05/08/2021	4283566	23201428.2	
4284120	STMicroelectronics S.r.l.	16/05/2023	4284120	23173538.2	

4284384	Vifor (International) AG	26/01/2022	4284384	22702445.2	
4284713	CAUDWELL MARINE LIMITED	23/09/2021	4284713	21782795.5	
4285079	Quality Vision International Inc.	11/02/2022	4285079	22753450.0	
4285187	Esko-Graphics Imaging GmbH	30/12/2021	4285187	21844780.3	
4286314	Otis Elevator Company	03/06/2022	4286314	22305810.8	
4286462	Kaneka Corporation	18/01/2022	4286462	22745656.3	
4286579	The Procter & Gamble Company	01/06/2022	4286579	22176614.0	
4286648	PRATT & WHITNEY CANADA CORP.	30/05/2023	4286648	23176085.1	
4286655	RTX Corporation	27/04/2022	4286655	23204996.5	
4286667	Nippon Thermostat Co., Ltd.	11/11/2021	4286667	21923073.7	
4286668	Nippon Thermostat Co., Ltd.	11/11/2021	4286668	21923074.5	
4286960	ETA SA Manufacture Horlogère Suisse	02/06/2022	4286960	22177059.7	French
4286998	ORANGE	17/05/2023	4286998	23174071.3	French
4287189	Intel NDTM US LLC.	26/04/2023	4287189	23170050.1	
4287338	LG Energy Solution, Ltd.	22/09/2022	4287338	22873178.2	
4288702	Octopus Energy Heating Limited	07/02/2022	4288702	22709025.5	
4289418	Daewoong Co., Ltd.	07/02/2022	4289418	22750072.5	
4290061	Volvo Construction Equipment AB	06/06/2022	4290061	22177396.3	
4290072	General Electric Renovables España S.L.	07/06/2022	4290072	22177596.8	
4290307	Samsung Electronics Co., Ltd.	18/04/2022	4290307	22796026.7	
4290321	Contemporary Amperex Technology (Hong Kong) Limited	29/03/2023	4290321	23742176.3	
4290399	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	17/10/2022	4290399	22889101.6	
4290638	Central Glass Co., Ltd.	28/01/2022	4290638	22749627.0	
4290998	Yangtze Memory Technologies Co., Ltd.	24/04/2020	4290998	23205332.2	
4291296	Cochlear Limited	02/02/2022	4291296	22752421.2	
4291402	Canco Hungary Investment Ltd.	16/06/2022	4291402	22735128.5	
4291970	Apple Inc.	19/01/2022	4291970	22706435.9	
4291997	Stripe, Inc.	01/02/2022	4291997	22753138.1	
4292418	Kubota Corporation	24/05/2023	4292418	23175203.1	
4292794	Yachiyo Industry Co., Ltd.	17/01/2022	4292794	22751251.4	
4292980	JFE Steel Corporation	04/02/2022	4292980	22752691.0	
4293353	Shimadzu Corporation	03/05/2023	4293353	23171206.8	
4293491	Intuit Inc.	16/06/2023	4293491	23179867.9	
4293785	LG Energy Solution, Ltd.	08/11/2022	4293785	22893153.1	
4293795	NISSAN MOTOR CO., LTD. Renault s.a.s	10/02/2021	4293795	21925541.1	
4293923	Furuno Electric Co., Ltd.	11/01/2022	4293923	22752492.3	
4294373	Instytut Podstawowych Problemów Techniki Polskiej Akademii Nauk	03/02/2022	4294373	22756623.9	
4294649	Bridgestone Americas Tire Operations, LLC	24/01/2022	4294649	22757147.8	
4294754	Yum Connect, LLC	24/02/2022	4294754	22760431.1	
4295829	Ontex BV Ontex Group NV	07/05/2020	4295829	23197013.8	
4296087	Sumitomo Rubber Industries Ltd.	20/05/2022	4296087	22815877.0	
4296217	AS Strömungstechnik GmbH	06/06/2023	4296217	23177543.8	German
4296505	Bessault, Serge	21/06/2023	4296505	23180706.6	French
4296750	Miltenyi Biotec B.V. & Co. KG	12/08/2019	4296750	23208962.3	
4296819	Fujikura Ltd.	27/01/2022	4296819	22755878.0	
4296907	Commissariat à l'Energie Atomique et aux Energies Alternatives	15/06/2023	4296907	23179388.6	French
4297899	PTT Global Chemical Public Company Limited	23/09/2021	4297899	21928271.2	
4298616	Qualcomm Incorporated	21/01/2022	4298616	22704108.4	
4298667	INTEL Corporation	24/01/2022	4298667	22760179.6	
4298911	MAYEKAWA MFG. CO., LTD.	31/03/2022	4298911	22795524.2	
4299274	Daikin Industries, Ltd.	31/01/2022	4299274	22759284.7	
4299820	Wuxi Little Swan Electric Co., Ltd.	28/02/2022	4299820	22766182.4	
4299905	Sysko AG Systeme & Komponenten	21/06/2023	4299905	23180714.0	German
4300758	DENSO CORPORATION	17/01/2022	4300758	22759152.6	

4301035	ZTE Corporation	14/10/2021	4301035	21934468.6	
4302132	REVIVA SOFTWARES LTD	02/02/2022	4302132	22709002.4	
4303348	Trützschler Group SE	13/06/2023	4303348	23178855.5	German
4303722	Yamaha Hatsudoki Kabushiki Kaisha	04/07/2023	4303722	23183294.0	
4303779	KABUSHIKI KAISHA TOSHIBA	26/01/2023	4303779	23153413.2	
4304087	STMicroelectronics S.r.l.	12/06/2023	4304087	23178595.7	
4304223	Malikie Innovations Limited	26/04/2010	4304223	23206263.8	
4304528	Edwards Lifesciences Corporation	10/03/2022	4304528	22712771.9	
4304529	Edwards Lifesciences Corporation	07/03/2022	4304529	22713142.2	
4305656	TDK Electronics AG	25/01/2022	4305656	22710283.7	German
4306374	KNORR-BREMSE	30/06/2023	4306374	23182832.8	German
4306639	Systeme für Schienenfahrzeuge GmbH Gordeychuk, Vladimir Evgenevich Pospelov, Vadim Igorevich Rubtsov, Sergey Vladimirovich Barsukov, Aleksandr Pavlovich	05/08/2021	4306639	21862177.9	German
4306652	Ludwig Institute for Cancer Research Ltd.	08/07/2020	4306652	23203846.3	
4306805	Copeland LP	20/10/2021	4306805	23213385.0	
4307431	Contemporary Ampere Technology (Hong Kong) Limited	20/05/2022	4307431	22924570.9	
4307485	TE Connectivity India Private Limited TE Connectivity Germany GmbH	17/07/2023	4307485	23185858.0	
4308033	DePuy Ireland Unlimited Company	16/03/2022	4308033	22716179.1	
4309903	SCREEN Holdings Co., Ltd.	14/06/2023	4309903	23179299.5	
4310004	The Boeing Company	02/05/2023	4310004	23171002.1	
4310245	Toray Industries, Inc.	10/03/2022	4310245	22771280.9	
4310260	OilQuick Deutschland KG	16/05/2023	4310260	23173516.8	German
4310460	Hach Lange GmbH	18/07/2022	4310460	22185435.9	
4310461	Hach Lange GmbH	18/07/2022	4310461	22185437.5	
4310602	The Swatch Group Research and Development Ltd	21/07/2022	4310602	22186305.3	French
4310636	Huawei Technologies Co. Ltd.	19/04/2022	4310636	22794683.7	
4310792	Zhejiang Orient Gene Biotech Co., Ltd	18/08/2022	4310792	22191093.8	
4310994	LG ENERGY SOLUTION, LTD.	13/01/2023	4310994	23743416.2	
4311425	Deere & Company	11/07/2023	4311425	23184811.0	
4311439	JT International SA	27/07/2022	4311439	22187257.5	
4311785	The Boeing Company	20/06/2023	4311785	23180246.3	
4312582	DSM IP Assets B.V.	31/03/2022	4312582	22720321.3	
4312660	Premier Dental Products Company, LLC	29/04/2022	4312660	22796825.2	
4312695	Aktiebolaget Electrolux	29/03/2021	4312695	21716646.1	
4313092	Phagelab Chile SPA	17/06/2022	4313092	22854455.7	
4314422	The Procter & Gamble Company	11/03/2022	4314422	22713839.3	
4314874	AEYE, INC.	25/03/2022	4314874	22776743.1	
4315742	Broadridge Financial Solutions, Inc.	28/03/2022	4315742	22776793.6	
4316550	Becton Dickinson France	04/08/2022	4316550	22306185.4	
4316708	NT Tool Corporation DMG Mori Co., Ltd.	07/02/2022	4316708	22774721.9	
4316956	Deutsche Post AG	12/06/2023	4316956	23178611.2	German
4317562	Asahi Kasei Kabushiki Kaisha	22/03/2022	4317562	22775594.9	
4317741	ABM Greiffenberger Antriebstechnik GmbH	31/07/2023	4317741	23188571.6	German
4317931	Campagnolo S.r.l.	18/07/2023	4317931	23186235.0	
4318012	SUMITOMO ELECTRIC INDUSTRIES, LTD.	29/03/2022	4318012	22780907.6	
4318013	SUMITOMO ELECTRIC INDUSTRIES, LTD.	29/03/2022	4318013	22780908.4	
4318083	Anhui Easpeed Technology Co., Ltd.	19/05/2022	4318083	22827278.7	
4318134	Fujifilm Business Innovation Corp.	16/09/2021	4318134	21933191.5	
4318180	Samsung Electronics Co., Ltd.	21/04/2022	4318180	22842245.7	
4318209	Shanghai Tosun Technology Ltd.	28/08/2022	4318209	22874518.8	
4318366	Yazaki Corporation	02/03/2022	4318366	22779780.0	
4318389	Siemens Healthineers AG	01/08/2022	4318389	22188055.2	

4319064	STMicroelectronics Application GmbH	14/07/2023	4319064	23185507.3	
4319085	Nokia Technologies Oy	04/08/2023	4319085	23189661.4	
4319272	Vodafone Group Services Limited	04/08/2022	4319272	22188831.6	
4320007	Tesla, Inc.	06/04/2022	4320007	22719701.9	
4320761	Sony Interactive Entertainment Inc.	30/03/2022	4320761	22715179.2	
4321744	RTX Corporation	14/08/2023	4321744	23191398.9	
4322191	Samsung Electro-Mechanics Co., Ltd.	28/02/2023	4322191	23159195.9	
4322212	Huawei Digital Power Technologies Co., Ltd.	08/08/2023	4322212	23190372.5	
4322284	Huawei Digital Power Technologies Co., Ltd.	16/05/2022	4322284	22803920.2	
4322509	Honor Device Co., Ltd.	03/01/2023	4322509	23758882.7	
4322654	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	16/04/2021	4322654	21936487.4	
4322658	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	04/06/2021	4322658	21943573.2	
4322877	Nanospectra Biosciences, Inc.	11/04/2022	4322877	22720846.9	
4322965	Lem Compounding Research ITA Srl	20/01/2022	4322965	22701582.3	
4323872	GOOGLE LLC	27/10/2022	4323872	22814559.5	
4323970	SAAB AB	12/04/2022	4323970	22788544.9	
4324255	Nokia Technologies Oy	07/04/2022	4324255	22721310.5	
4324396	i-Sens, Inc.	04/06/2019	4324396	23215400.5	
4324413	National University of Ireland Galway	30/10/2020	4324413	23204957.7	
4324535	Universal City Studios LLC	09/01/2019	4324535	23207023.5	
4324775	PROX SG Pte Ltd	15/08/2023	4324775	23191563.8	
4324960	JINKO SOLAR CO., LTD Sichuan Jinko Solar Co., Ltd.	22/12/2022	4324960	22215835.4	
4325056	BITZER Kühlmaschinenbau GmbH	26/06/2023	4325056	23181522.6	German
4325457	Angel Playing Cards Co., Ltd.	28/03/2018	4325457	24150088.3	
4325483	Guangzhou Xiaopeng Motors Technology Co., Ltd.	02/12/2022	4325483	22211049.6	
4325515	Koninklijke Philips N.V.	17/11/2020	4325515	23214544.1	
4326390	Advanced Neuromodulation Systems, Inc.	19/04/2022	4326390	22792283.8	
4326418	The Newway Company	23/11/2021	4326418	21938118.3	
4326832	Red Leaf Resources Inc	17/12/2021	4326832	21938126.6	
4327066	Robert Bosch GmbH	20/04/2022	4327066	22724005.8	German
4327460	NEC Corporation	30/06/2021	4327460	21743380.4	
4327764	Wuhan United Imaging Surgical Co., Ltd.	24/05/2022	4327764	22810561.5	
4327956	SUMITOMO ELECTRIC INDUSTRIES, LTD. A.L.M.T. Corp.	02/05/2022	4327956	22807399.5	
4327977	RTX Corporation	25/08/2021	4327977	24151040.3	
4328527	MITSUBISHI ELECTRIC CORPORATION	22/04/2021	4328527	21937886.6	
4328604	Rolls-Royce plc	24/07/2023	4328604	23187185.6	
4328866	MFTB Holdco, Inc.	28/02/2023	4328866	23159244.5	
4329119	Sagemcom Energy & Telecom SAS	22/08/2023	4329119	23192803.7	French
4329137	Zhuhai Cosmx Power Supply Co., Ltd.	06/12/2022	4329137	22903469.9	
4330059	Astra Sensor Technologies Corp.	07/07/2023	4330059	23768107.7	
4330095	ZF CV Systems Global GmbH	21/04/2022	4330095	22724671.7	German
4330663	K.D. Pharma Bexbach GmbH	27/04/2022	4330663	22725881.1	German
4332066	Behring	31/08/2023	4332066	23194719.3	French
4332361	Hamilton Sundstrand Corporation Collins Engine Nozzles, Inc.	25/08/2023	4332361	23193571.9	
4332414	TPR CO., LTD.	16/11/2022	4332414	22928886.5	
4332476	BSH Hausgeräte GmbH	13/07/2023	4332476	23185319.3	German
4332491	VALEO SYSTEMES THERMIQUES	02/09/2022	4332491	22193754.3	
4332748	Samsung Electronics Co., Ltd.	04/08/2023	4332748	23189787.7	
4332917	Honor Device Co., Ltd.	09/09/2022	4332917	22913498.6	
4333144	LG Energy Solution, Ltd.	01/12/2022	4333144	22904563.8	
4334074	The Gillette Company LLC	02/05/2022	4334074	22725136.0	
4334673	Rosen IP AG	06/05/2022	4334673	22728164.9	German

4334754	Airthings ASA	05/05/2022	4334754	22728364.5	
4335656	Siemens Mobility Austria GmbH	18/08/2023	4335656	23192076.0	German
4335710	Momenta (Suzhou) Technology Co., Ltd.	07/07/2022	4335710	22871172.7	
4336038	Wacker Neuson Linz GmbH	21/07/2023	4336038	23186954.6	German
4336119	Vaillant GmbH	05/09/2023	4336119	23195407.4	German
4336127	Arctic Cool Chillers Limited	17/01/2019	4336127	23216056.4	
4336357	Huawei Technologies Co., Ltd.	23/06/2022	4336357	22831841.6	
4336525	Hengdian Group DMEGC Magnetics Co., Ltd.	14/10/2022	4336525	22900120.1	
4336814	TC France S.A.S.	07/09/2023	4336814	23196103.8	
4336877	Samsung Electronics Co., Ltd.	05/07/2022	4336877	22837936.8	
4336885	Huawei Technologies Co., Ltd.	26/04/2022	4336885	22827182.1	
4338232	Fitbit LLC	20/08/2021	4338232	21772881.5	
4338555	VALEO VISION	12/05/2022	4338555	22729474.1	
4338636	EM Microelectronic-Marin SA	15/09/2022	4338636	22195891.1	
4338979	The Yokohama Rubber Co., Ltd.	31/03/2022	4338979	22807279.9	
4339115	DH Co., Ltd.	07/04/2022	4339115	22807619.6	
4339571	MAHLE International GmbH	16/09/2022	4339571	22196164.2	
4339720	CANON KABUSHIKI KAISHA	01/09/2023	4339720	23194753.2	
4340049	Seoul Viosys Co., Ltd.	14/09/2018	4340049	24154569.8	
4340448	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	09/07/2021	4340448	21948892.1	
4340766	Koninklijke Philips N.V.	16/05/2022	4340766	22727941.1	
4341153	KTM AG	26/04/2022	4341153	22720912.9	German
4341200	Prestige Italia S.P.A.	17/05/2022	4341200	22728970.9	
4342105	Telefonaktiebolaget LM Ericsson (publ)	11/05/2022	4342105	22727936.1	
4342362	Quovisu LLC	18/05/2021	4342362	21940740.0	
4342575	Miele & Cie. KG	07/09/2023	4342575	23195898.4	German
4342658	Suzhou Meaman Machines Co., Ltd.	11/04/2023	4342658	23787693.3	
4342767	Siemens Mobility Limited	22/09/2023	4342767	23199019.3	
4343405	STANLEY ELECTRIC CO., LTD.	13/05/2022	4343405	22804611.6	
4343513	Beijing Zitiao Network Technology Co., Ltd.	29/08/2022	4343513	22863360.8	
4343569	Palantir Technologies Inc.	25/08/2016	4343569	23208140.6	
4343668	Asahi Kasei Kabushiki Kaisha	17/05/2022	4343668	22804686.8	
4343784	Abbott Diabetes Care Inc.	18/12/2014	4343784	24157286.6	
4344259	ZTE Corporation	24/04/2022	4344259	22803750.3	
4344360	Huawei Technologies Co., Ltd.	01/07/2021	4344360	21947630.6	
4345267	Rolls-Royce plc	29/08/2023	4345267	23193843.2	
4345394	Carrier Corporation	27/09/2023	4345394	23200228.7	
4345447	FEI COMPANY	30/09/2022	4345447	22199178.9	
4345782	Cardtronics USA, Inc.	22/12/2022	4345782	22216223.2	
4345831	Magic Leap, Inc.	24/07/2017	4345831	24157237.9	
4345909	BOE Technology Group Co., Ltd.	24/08/2022	4345909	22860534.1	
4346173	Adtran, Inc.	28/09/2023	4346173	23200576.9	
4346182	Huawei Technologies Co., Ltd.	11/06/2021	4346182	21944647.3	
4346524	De' Longhi Appliances S.r.l. Con Unico Socio	27/05/2022	4346524	22734063.5	
4346574	Koninklijke Philips N.V.	25/05/2022	4346574	22731516.5	
4347001	Nevro Corp.	25/05/2022	4347001	22812075.4	
4347002	BIOTRONIK SE & Co. KG	09/05/2022	4347002	22726769.7	
4347374	BAE SYSTEMS plc	23/05/2022	4347374	22726502.2	
4347872	ILLUMINA, INC.	26/05/2022	4347872	22736057.5	
4348010	Siemens Energy Global GmbH & Co. KG	24/08/2022	4348010	22768793.6	German
4348064	Danfoss A/S	03/06/2022	4348064	22732655.0	
4348169	Hexagon Metrology, Inc.	25/05/2022	4348169	22734411.6	
4348690	Eaton Intelligent Power Limited	26/05/2022	4348690	22732400.1	
4348825	Innomotics GmbH	23/06/2022	4348825	22738570.5	German
4348990	Oracle International Corporation	25/05/2022	4348990	22736055.9	
4349252	Huawei Technologies Co., Ltd.	21/04/2022	4349252	22831370.6	
4349269	Bionlifescience, Inc.	04/05/2022	4349269	22816315.0	

4349688	thyssenkrupp Presta Aktiengesellschaft thyssenkrupp AG	27/09/2023	4349688	23200054.7	German
4349950	The Procter & Gamble Company	14/05/2020	4349950	24157383.1	
4350131	Kubota Corporation	21/02/2022	4350131	22815579.2	
4350367	Changchun Jetty Automotive Technology Co., Ltd.	25/04/2022	4350367	22810284.4	
4350846	LG Energy Solution, Ltd.	12/06/2023	4350846	23824168.1	
4350942	ESA Elektroschaltanlagen Grimma GmbH	01/10/2023	4350942	23020455.4	German
4351102	Huawei Technologies Co., Ltd.	13/07/2022	4351102	22855155.2	
4351845	Bear Robotics, Inc.	06/06/2022	4351845	22820837.7	
4352622	Ampere Computing LLC	08/06/2022	4352622	22741078.4	
4353170	Boston Scientific Scimed, Inc.	20/11/2020	4353170	24153008.8	
4353379	TRUMPF Maschinen Austria GmbH & Co. KG.	13/10/2023	4353379	23203434.8	German
4354091	Viavi Solutions Inc.	12/10/2023	4354091	23203338.1	
4354099	NTT, Inc.	09/06/2021	4354099	21945112.7	
4355042	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/05/2022	4355042	22815035.5	
4355254	Mazor Robotics Ltd.	12/06/2022	4355254	22738049.0	
4356045	Park, Moon Joo	04/07/2022	4356045	22837918.6	
4356051	BSH Hausgeräte GmbH	24/05/2022	4356051	22730253.6	German
4356068	VALEO VISION	20/06/2022	4356068	22733975.1	
4356313	Elisa Oyj	10/06/2022	4356313	22735932.0	
4357007	Kolon Industries, Inc.	08/07/2022	4357007	22864849.9	
4357144	SCREEN Holdings Co., Ltd.	31/08/2021	4357144	24161743.0	
4357396	TOPPAN INC.	17/06/2022	4357396	22825098.1	
4357442	Afton Chemical Corporation	21/09/2023	4357442	23198785.0	
4357630	Huawei Technologies Co., Ltd.	30/06/2022	4357630	22851785.0	
4357883	Huawei Technologies Co., Ltd.	19/09/2022	4357883	22874695.4	
4357981	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	20/10/2022	4357981	22306587.1	
4358070	NTT, Inc.	14/06/2021	4358070	21945917.9	
4358161	Hengdian Group DMEGC Magnetics Co., Ltd.	22/02/2023	4358161	23810563.9	
4358476	Huawei Technologies Co., Ltd.	24/06/2022	4358476	22836746.2	
4359632	think and vision GmbH	20/06/2022	4359632	22733653.4	German
4359727	Detnet South Africa (Pty) Ltd	15/06/2022	4359727	22740739.2	
4360767	Imec VZW	28/10/2022	4360767	22204493.5	
4360804	DMG Mori Co., Ltd.	21/06/2021	4360804	21946964.0	
4360916	BRIDGESTONE CORPORATION	01/06/2022	4360916	22889606.4	
4361656	STMICROELECTRONICS (GRENOBLE 2) SAS STMicroelectronics (ALPS) SAS	13/10/2023	4361656	23203548.5	French
4361957	Varjo Technologies Oy	05/10/2023	4361957	23201783.0	
4362520	ASSA ABLOY AB	24/10/2022	4362520	22203176.7	
4363027	B. Braun Miethke GmbH & Co. KG	16/05/2023	4363027	23726514.5	German
4363204	SAFRAN AIRCRAFT ENGINES	23/06/2022	4363204	22748394.8	French
4363813	Bruker Optics GmbH & Co. KG	30/06/2022	4363813	22737488.1	German
4364497	ZTE Corporation	11/08/2021	4364497	21953096.1	
4364592	Freelander Innovations USA, LLC	12/07/2018	4364592	24156808.8	
4364908	Wahl GmbH	07/11/2022	4364908	22205934.7	German
4364963	Sumitomo Rubber Industries, Ltd.	20/10/2023	4364963	23204878.5	
4365666	NICHIA CORPORATION	18/03/2022	4365666	22832492.7	
4365719	Bogen Magnetics GmbH	01/09/2020	4365719	24165729.5	German
4366597	Alcon Inc.	30/06/2022	4366597	22743905.6	
4367015	Ampelmann Holding B.V.	07/07/2022	4367015	22738065.6	
4367016	Schunn, Wilhelm Schunn, Horst	05/07/2022	4367016	22743482.6	German
4367589	Capital One Services, LLC	01/07/2022	4367589	22751503.8	
4367629	PAIGE.AI, Inc.	29/04/2022	4367629	22724555.2	
4368154	Sassu, Antonio	14/11/2022	4368154	22020550.4	German
4368448	B/E Aerospace, Inc.	10/11/2023	4368448	23209247.8	

4368490	Ocea	10/11/2023	4368490	23209011.8	French
4368858	Kubota Corporation	02/10/2023	4368858	23201104.9	
4368981	LG Energy Solution, Ltd.	23/12/2022	4368981	22940876.0	
4369189	Huawei Technologies Co. Ltd.	06/09/2022	4369189	22866597.2	
4369222	Huawei Technologies Co. Ltd.	10/08/2022	4369222	22855461.4	
4369727	Huawei Technologies Co. Ltd.	11/08/2022	4369727	22866329.0	
4369798	Honor Device Co., Ltd.	24/08/2022	4369798	22863276.6	
4370198	Cionic, Inc.	25/07/2022	4370198	22856406.8	
4370314	Envision Energy Technology Pte Ltd.	12/07/2022	4370314	22841332.4	
4370402	Hangzhou TsingWayne Technology Co., Ltd.	13/07/2021	4370402	21742824.2	
4370745	Berndorf Band GmbH	13/07/2022	4370745	22748219.7	German
4370839	Belimo Holding AG	13/07/2022	4370839	22744192.0	
4370849	BSH Hausgeräte GmbH	07/07/2022	4370849	22738690.1	
4370937	Beckman Coulter, Inc.	14/07/2022	4370937	22754222.2	
4371792	Astemo, Ltd.	18/05/2022	4371792	22841793.7	
4371831	Volvo Car Corporation	21/11/2023	4371831	23211073.4	
4371926	Mitsubishi Heavy Industries Machinery Systems, Ltd.	13/07/2022	4371926	22842144.2	
4372030	Namics Corporation	08/07/2022	4372030	22842044.4	
4372037	Flooring Technologies Ltd.	15/11/2022	4372037	22207490.8	German
4372158	BSH Hausgeräte GmbH	26/10/2023	4372158	23206220.8	German
4372159	BSH Hausgeräte GmbH	14/11/2023	4372159	23209579.4	German
4372204	Tetra Technologies, Inc.	15/11/2023	4372204	23209970.5	
4372362	Shenzhen Mindray Bio-Medical Electronics Co., Ltd.	16/11/2023	4372362	23210300.2	
4372400	LG ENERGY SOLUTION, LTD.	08/12/2022	4372400	22919036.8	
4372412	FUJIFILM Corporation	10/11/2023	4372412	23209192.6	
4372714	DataCollect Traffic Systems GmbH	25/10/2023	4372714	23205807.3	German
4372747	VoiceAge EVS LLC	24/10/2011	4372747	24167694.9	
4372882	LG Energy Solution, Ltd.	26/10/2022	4372882	22887612.4	
4372923	Changchun Jetty Automotive Technology Co., Ltd.	15/07/2022	4372923	22841498.3	
4373665	INTPRO, LLC	13/09/2023	4373665	23793092.0	
4373687	Stellantis Auto SAS	18/05/2022	4373687	22730583.6	French
4374071	NUOVO PIGNONE TECNOLOGIE - S.R.L.	15/07/2022	4374071	22747260.2	
4374250	ARM Limited	22/06/2022	4374250	22734030.4	
4374768	Intuitive Surgical Operations, Inc.	29/06/2017	4374768	24170572.2	
4375004	Samsung SDI Co., Ltd.	02/11/2023	4375004	23207468.2	
4375144	VOLVO TRUCK CORPORATION	23/11/2022	4375144	22209073.0	
4375473	heroal- Johann Henkenjohann GmbH & Co. KG	08/11/2023	4375473	23208433.5	German
4375676	Eaton Intelligent Power Limited	06/10/2016	4375676	23197573.1	
4375755	Zhuhai Pantum Electronics Co., Ltd.	21/11/2023	4375755	23211028.8	
4375812	Advanced Magnetic Interaction, AMI	24/11/2022	4375812	22306731.5	
4375914	Hitachi Construction Machinery Co., Ltd.	28/10/2022	4375914	22887159.6	
4375989	Sonos, Inc.	06/12/2019	4375989	24162741.3	
4375992	Samsung Electronics Co., Ltd. Industry-University Cooperation Foundation Hanyang University ERICA Campus	07/05/2015	4375992	24167632.9	
4376000	Dolby International AB	06/04/2011	4376000	24170668.8	
4376043	ABB SCHWEIZ AG	23/11/2022	4376043	22209208.2	
4376590	CNH Industrial Belgium NV	25/07/2022	4376590	22754254.5	
4376832	NewAmsterdam Pharma B.V.	25/07/2022	4376832	22754412.9	
4377226	Bausch + Lomb Ireland Limited	22/08/2022	4377226	22762115.8	
4377272	FÜLLER GLASTECHNOLOGIE VERTRIEBS-GMBH	15/06/2022	4377272	22733437.2	German
4377891	Raytheon Company	26/07/2022	4377891	22764926.6	
4378222	QUALCOMM INCORPORATED	29/06/2022	4378222	22748544.8	

4378426	West Virginia University Board of Governors on behalf of West Virginia University	12/01/2011	4378426	24170658.9	
4378733	BYD Company Limited	25/10/2022	4378733	22885909.6	
4378745	Carrier Corporation	01/12/2023	4378745	23213780.2	
4378836	ShinMaywa Industries, Ltd.	21/01/2022	4378836	22848854.0	
4379019	Wenzhou Xinxintaijing Tech. Co., Ltd.	15/04/2024	4379019	24170130.9	
4379118	QINGDAO HAIER LAUNDRY ELECTRIC APPLIANCES CO., LTD. Haier Smart Home Co., Ltd.	15/06/2022	4379118	22848085.1	
4379184	Duran, Jean-Pierre Tixeire, Yannick	04/12/2023	4379184	23214050.9	French
4379319	Huawei Technologies Co. Ltd.	11/08/2022	4379319	22863068.7	
4379402	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	15/06/2020	4379402	23211510.5	
4379545	Tencent Technology (Shenzhen) Company Limited	07/09/2022	4379545	22888983.8	
4379560	Huawei Technologies Co. Ltd.	24/09/2021	4379560	21957850.7	
4379720	Samsung Electronics Co., Ltd.	08/09/2023	4379720	23196181.4	
4380308	Fisher & Paykel Healthcare Limited	25/05/2018	4380308	24157328.6	
4380555	Agave S.r.l.	02/08/2022	4380555	22761275.1	
4380799	B-MAX S.r.l.	27/07/2022	4380799	22751854.5	
4380836	Bayerische Motoren Werke Aktiengesellschaft	03/08/2022	4380836	22758550.2	German
4380908	Franken Maxit Mauermörtel GmbH & Co.	02/08/2022	4380908	22761971.5	German
4381205	Danfoss A/S	18/07/2022	4381205	22751087.2	
4381938	Nippon Beet Sugar Manufacturing Co., Ltd.	04/08/2022	4381938	22853149.7	
4382226	The Boeing Company	30/11/2023	4382226	23213276.1	
4382330	Inalfa Roof Systems Group B.V.	06/12/2022	4382330	22211774.9	
4382378	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	06/12/2022	4382378	22211573.5	
4382987	Apple Inc.	05/12/2023	4382987	23214460.0	
4383038	Eve Energy Co., Ltd.	10/03/2023	4383038	23745368.3	
4383185	Lite-On Technology Corporation	07/12/2023	4383185	23215030.0	
4383351	ZHEJIANG JINKO SOLAR CO., LTD. JINKO SOLAR CO., LTD	12/04/2023	4383351	23167462.3	
4383703	Advext IP LLC	12/12/2019	4383703	24167363.1	
4383965	Huawei Technologies Co. Ltd.	15/08/2022	4383965	22863103.2	
4384038	Alma Mater Studiorum Universita di Bologna	09/08/2022	4384038	22773330.0	
4384163	ScandiEdge Therapeutics AB	05/08/2022	4384163	22762041.6	
4384580	Mankiewicz Gebr.&Co. (GmbH&CO. KG)	12/08/2022	4384580	22800072.5	German
4384602	Plasfer S.r.l.	10/08/2022	4384602	22768261.4	
4384726	Ampere SAS	20/07/2022	4384726	22743512.0	French
4384900	ViaSat Inc.	01/09/2022	4384900	22778128.3	
4385182	Huawei Technologies Co. Ltd.	09/09/2022	4385182	22787044.1	
4385389	Boston Scientific Medical Device Limited	16/12/2022	4385389	22383232.0	
4386045	WeCool Toys Inc.	18/04/2018	4386045	24159314.4	
4386325	Leuze electronic GmbH + Co. KG	14/12/2022	4386325	22213298.7	German
4386501	Technische Universität Ilmenau	12/12/2022	4386501	22212854.8	German
4386753	Huawei Technologies Co. Ltd.	26/10/2021	4386753	21961713.1	
4387200	Huawei Technologies Co. Ltd.	29/06/2022	4387200	22868789.3	
4387272	Sivantos Pte. Ltd.	05/05/2023	4387272	23171848.7	German
4387327	Huawei Technologies Co. Ltd.	11/08/2022	4387327	22874448.8	
4388099	Tangram Therapeutics PLC	01/06/2023	4388099	23730475.3	
4388211	Maxon International AG	19/08/2022	4388211	22768352.1	German
4388212	Schaeffler Technologies AG & Co. KG	30/05/2022	4388212	22733509.8	German
4388285	Endress+Hauser SE+Co. KG	22/07/2022	4388285	22748370.8	German
4388352	BAE SYSTEMS plc	11/08/2022	4388352	22755285.8	
4388753	DTS, Inc.	09/08/2022	4388753	22762239.6	
4389432	The Boeing Company	28/11/2023	4389432	23212660.7	
4389439	M&R Printing Equipment, Inc.	12/08/2016	4389439	24175709.5	

4389575	Robert Bosch GmbH	01/12/2023	4389575	23213678.8	German
4389639	Syvrac	21/12/2023	4389639	23219463.9	French
4389978	Hamm AG	30/11/2023	4389978	23213181.3	German
4390014	ASSA ABLOY AB	18/09/2019	4390014	24175172.6	
4390164	Aktiebolaget SKF	14/12/2023	4390164	23216745.2	
4390166	Aktiebolaget SKF	14/12/2023	4390166	23216756.9	
4390186	Aktiebolaget SKF	14/12/2023	4390186	23216747.8	German
4390374	Sant'Orsola S.C.A.	02/08/2023	4390374	23189120.1	
4390409	Schneider Electric USA, Inc.	30/11/2023	4390409	23213242.3	
4390671	Huawei Technologies Co. Ltd.	09/05/2022	4390671	22866123.7	
4391341	Huawei Digital Power Technologies Co., Ltd.	07/06/2023	4391341	23826161.4	
4391598	Huawei Technologies Co. Ltd.	22/08/2022	4391598	22868964.2	
4392299	ZF CV Systems Europe BV	01/08/2022	4392299	22776869.4	German
4392338	Delaware National Art Company, LLC.	04/08/2022	4392338	22881520.5	
4394176	Envision Energy Technology Pte Ltd.	26/08/2021	4394176	21954536.5	
4394262	LG Electronics Inc.	27/12/2023	4394262	23220339.8	
4394605	Samsung Electronics Co., Ltd.	07/09/2023	4394605	23195919.8	
4394850	PSK Inc.	29/10/2021	4394850	21955164.5	
4395043	Huawei Digital Power Technologies Co., Ltd.	18/12/2023	4395043	23217790.7	
4395273	Samsung Electronics Co., Ltd.	12/08/2022	4395273	22883735.7	
4395483	Samsung Electronics Co., Ltd.	28/09/2022	4395483	22878810.5	
4395649	Mazor Robotics Ltd.	30/08/2022	4395649	22777364.5	
4396546	Endress+Hauser SE+Co. KG	22/07/2022	4396546	22748371.6	German
4397258	St. Jude Medical, Cardiology Division, Inc.	09/08/2018	4397258	24176044.6	
4397416	Contemporary Amperex Technology (Hong Kong) Limited	04/01/2023	4397416	23754100.8	
4397746	Shimadzu Corporation	22/08/2022	4397746	22864314.4	
4398104	Huawei Technologies Co. Ltd.	12/10/2022	4398104	22885665.4	
4398799	Robert Bosch GmbH	01/09/2022	4398799	22772921.7	German
4399205	Purac Biochem B.V.	09/09/2022	4399205	22786759.5	
4399272	M H C S	09/09/2022	4399272	22783536.0	French
4399490	Endress+Hauser Flowtec AG	19/08/2022	4399490	22768337.2	German
4400267	Stanley Black & Decker, Inc.	21/10/2022	4400267	24164719.7	
4400456	Contemporary Amperex Technology (Hong Kong) Limited	28/03/2023	4400456	23734893.3	
4400867	ams International AG	23/10/2017	4400867	24178425.5	
4400909	Huawei Technologies Co. Ltd.	24/09/2021	4400909	21957863.0	
4401268	Huawei Digital Power Technologies Co., Ltd.	25/05/2020	4401268	24161388.4	
4401478	Huawei Technologies Co. Ltd.	23/09/2022	4401478	22874793.7	
4401632	Medtronic MiniMed, Inc.	15/08/2022	4401632	22764571.0	
4401757	Life Technologies Corporation	13/09/2022	4401757	22800037.8	
4402786	Hitachi Energy Ltd	13/09/2021	4402786	21777489.2	
4403113	Esaote S.p.A.	17/01/2023	4403113	23151919.0	
4403154	Soflex Furniture Co Ltd Tsay, Yueh-Cheng	11/01/2024	4403154	24151272.2	
4403473	Goodrich Lighting Systems GmbH & Co. KG	17/01/2023	4403473	23152105.5	
4403774	Hamilton Sundstrand Corporation	17/01/2024	4403774	24152469.3	
4403790	Goodrich Corporation	18/01/2023	4403790	23461503.7	
4403909	Huawei Technologies Co. Ltd.	23/11/2021	4403909	21965038.9	
4404328	Contemporary Amperex Technology (Hong Kong) Limited	18/01/2022	4404328	22921028.1	
4404470	Apple Inc.	20/12/2023	4404470	23218783.1	
4404624	Huawei Technologies Co. Ltd.	10/10/2022	4404624	22880276.5	
4404728	ABB Schweiz AG	24/09/2021	4404728	21786789.4	
4404811	BSH Hausgeräte GmbH	05/09/2022	4404811	22772964.7	German
4404812	BSH Hausgeräte GmbH	05/09/2022	4404812	22772966.2	German
4405589	Varisco S.r.L.	27/06/2022	4405589	22743892.6	
4405709	SEW-EURODRIVE GmbH & Co. KG	07/09/2022	4405709	22772995.1	German

4405940	Google LLC	16/09/2022	4405940	22786256.2	
4407608	Samsung Electronics Co., Ltd.	07/12/2023	4407608	23814348.1	
4407689	Huawei Technologies Co. Ltd.	30/11/2021	4407689	21965957.0	
4407957	Tencent Technology (Shenzhen) Company Limited	09/01/2023	4407957	23758901.5	
4408262	Edwards Lifesciences Corporation	06/12/2022	4408262	22854525.7	
4408915	Continental Reifen Deutschland GmbH	12/08/2022	4408915	22761396.5	German
4409462	Avery Dennison Retail Information Services LLC	26/09/2022	4409462	22793076.5	
4410685	IBAK Helmut Hunger GmbH & Co. KG	29/01/2024	4410685	24154485.7	German
4411550	Mastercard International Incorporated	06/02/2023	4411550	23155227.4	
4411749	Ambu A/S	18/02/2021	4411749	24183643.6	
4412412	LG Electronics Inc.	27/09/2021	4412412	21958484.4	
4413742	Ecole Polytechnique Centre National de la Recherche Scientifique École Nationale Supérieure de Techniques Avancées	05/10/2022	4413742	22798133.9	French
4414196	MAZDA MOTOR CORPORATION	31/01/2024	4414196	24154872.6	
4414272	Goodrich Corporation	14/12/2023	4414272	23216856.7	
4414302	Shanghai Lunkuo Technology Co., Ltd.	26/10/2021	4414302	24171595.2	
4414974	Sony Group Corporation Sony Semiconductor Solutions Corporation	22/09/2022	4414974	22878336.1	
4415338	Samsung Electronics Co., Ltd.	10/09/2013	4415338	24186126.9	
4415347	Huawei Cloud Computing Technologies Co., Ltd.	23/11/2022	4415347	22897844.1	
4415489	Honor Device Co., Ltd.	01/09/2023	4415489	23862297.1	
4416636	Smart Packaging Solutions	14/10/2022	4416636	22802202.6	French
4416921	Hewlett-Packard Development Company, L.P.	13/10/2021	4416921	21960799.1	
4416938	Robert Bosch GmbH Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	14/01/2022	4416938	22702609.3	
4417069	KT&G Corporation Kolon Industries, Inc.	07/06/2023	4417069	23846787.2	
4417970	The Boeing Company	08/12/2023	4417970	23215262.9	
4418085	Huawei Technologies Co. Ltd.	04/11/2022	4418085	22894650.5	
4418089	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	25/10/2022	4418089	22894581.2	
4418379	LG Energy Solution, Ltd.	19/07/2022	4418379	22895783.3	
4418626	Cisco Technology, Inc.	12/12/2018	4418626	24186855.3	
4419362	Jaguar Land Rover Limited	20/10/2021	4419362	21798618.1	
4419797	Siemens Gamesa Renewable Energy A/S	11/11/2022	4419797	22817234.2	
4420087	GOOGLE LLC	06/01/2023	4420087	23703957.3	
4420609	Sichuan Neosource Biotektronics Limited	09/12/2022	4420609	22903596.9	
4420808	Zhongjuxin Ocean Engineering Equipment Co., Ltd.	02/08/2022	4420808	22921459.8	
4421548	Shennan Circuits Co., Ltd.	26/06/2023	4421548	23181413.8	
4421650	Palantir Technologies Inc.	08/06/2018	4421650	24174839.1	
4422572	Solventum Intellectual Properties Company	17/10/2022	4422572	22886251.2	
4422576	CODONIS AG	27/10/2022	4422576	22813129.8	German
4422888	HUNTER ENGINEERING COMPANY	25/10/2022	4422888	22812936.7	
4423004	Faudi Aviation Americas	30/09/2021	4423004	21959628.5	
4423075	Idorsia Pharmaceuticals Ltd	27/10/2022	4423075	22812531.6	
4423465	ZF CV Systems Europe BV	23/09/2022	4423465	22785742.2	German
4423687	Caterpillar Inc.	07/10/2022	4423687	22801269.6	
4424844	Noul Co., Ltd.	23/02/2017	4424844	24180166.1	
4424996	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	18/05/2023	4424996	23811735.2	
4425017	Volvo Truck Corporation	02/03/2023	4425017	23159684.2	
4425109	Deere & Company	02/03/2023	4425109	23159750.1	
4425117	ANNABURGER Nutzfahrzeug GmbH	26/02/2024	4425117	24159799.6	German

4425379	InvertIT Infosys Limited	28/02/2024	4425379	24160359.6	
4425426	TMT Machinery, Inc.	21/02/2024	4425426	24158820.1	
4425982	Honor Device Co., Ltd.	11/05/2020	4425982	24161048.4	
4426152	Universiteit Antwerpen	25/10/2022	4426152	22805884.8	
4427640	Mamas & Papas (Holdings) Limited	27/12/2019	4427640	24190024.0	
4428589	Huawei Technologies Co. Ltd.	06/12/2021	4428589	21966609.6	
4428859	Goodix Technology (HK) Company Limited	10/03/2023	4428859	23161242.5	
4429212	Huawei Technologies Co. Ltd.	09/12/2022	4429212	22906420.9	
4429246	SZ DJI Technology Co., Ltd.	29/12/2018	4429246	24190647.8	
4430273	Shell Internationale Research Maatschappij B.V.	10/11/2022	4430273	22814412.7	
4430275	Halliburton Energy Services, Inc.	09/11/2022	4430275	22893818.9	
4430373	Poppe + Potthoff Maschinenbau GmbH	29/12/2023	4430373	23838169.3	German
4431071	Ontex BV Ontex Group NV	06/12/2023	4431071	23214625.8	
4431961	Ambu A/S	18/02/2021	4431961	24183642.8	
4432215	Shenzhen Xumi Yuntu Space Technology Co., Ltd.	31/12/2021	4432215	21963889.7	
4432219	Tianjin Yujin Artificial Intelligence Medical Technology Co., Ltd	23/11/2022	4432219	22900329.8	
4433556	Hediger, Richard	16/11/2021	4433556	21815271.8	German
4433871	Morphotonics Holding B.V.	14/11/2022	4433871	22814449.9	
4435573	Honor Device Co., Ltd.	07/09/2022	4435573	22900019.5	
4435736	Magic Leap, Inc.	24/07/2019	4435736	24193469.4	
4436228	INTEL Corporation	22/12/2023	4436228	23219792.1	
4436266	Vivo Mobile Communication Co., Ltd.	14/11/2022	4436266	22894734.7	
4437708	Amazon Technologies, Inc.	25/11/2022	4437708	22840525.4	
4439019	Fuji Electric Co., Ltd.	23/12/2022	4439019	22968742.1	
4439391	Huawei Technologies Co., Ltd.	30/12/2021	4439391	21969624.2	
4440138	Samsung SDI Co., Ltd.	05/02/2024	4440138	24155743.8	
4440353	Philip Morris Products S.A.	01/12/2022	4440353	22826110.3	
4441694	Deeping Source Inc.	28/11/2022	4441694	22899126.1	
4441733	Dolby International AB	30/11/2022	4441733	22822564.5	
4442657	Jushi Group Co., Ltd.	10/12/2021	4442657	21923625.4	
4443053	Viessmann Holding International GmbH	27/03/2024	4443053	24166690.8	German
4443209	Stryker Corporation	29/09/2017	4443209	24196184.6	
4443293	Shanghai Tuge Data Technologies Co., Ltd.	12/05/2023	4443293	23753786.5	
4443629	LG Energy Solution, Ltd.	19/08/2020	4443629	24185161.7	
4444439	Universal City Studios LLC	07/12/2022	4444439	22847188.4	
4444618	Safran Seats	02/12/2022	4444618	22834696.1	French
4445040	VALEO EMBRAYAGES	01/12/2022	4445040	22826112.9	French
4445846	Samsung Medison Co., Ltd.	13/02/2024	4445846	24157410.2	
4446070	Stryker Corporation	15/03/2014	4446070	24197132.4	
4446587	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	17/06/2020	4446587	24197698.4	German
4446619	YAMAHA HATSUDOKI KABUSHIKI KAISHA	16/12/2022	4446619	22907548.6	
4447191	Samsung SDI Co., Ltd.	26/01/2024	4447191	24154086.3	
4447319	Aptiv Technologies AG	12/04/2024	4447319	24170058.2	
4447377	Oracle International Corporation	30/07/2021	4447377	24176911.6	
4448976	Schaeffler Technologies AG & Co. KG	14/11/2022	4448976	22812417.8	German
4449955	LRP AG	18/04/2024	4449955	24170924.5	German
4450442	Murata Machinery, Ltd.	27/03/2024	4450442	24166946.4	
4450995	LG Energy Solution, LTD.	08/12/2022	4450995	22926205.0	
4451039	Rodenstock GmbH	17/12/2019	4451039	24192101.4	German
4452511	Chanel Parfums Beauté	22/11/2021	4452511	21827396.9	French
4452748	Firestorm Labs, Inc.	21/12/2022	4452748	22847476.3	
4453409	VESTAS WIND SYSTEMS A/S	20/12/2022	4453409	22844449.3	
4453869	AUMOVIO Autonomous Mobility US, LLC	22/12/2022	4453869	22854702.2	

4454595	Medline Industries, LP	27/09/2018	4454595	24187725.7	
4455141	Jiangsu Hengrui Pharmaceuticals Co., Ltd.	23/12/2022	4455141	22910193.6	
4455593	Siemens Energy Global GmbH & Co. KG	29/11/2022	4455593	24184839.9	German
4455649	Novadep Scientific SL	22/12/2021	4455649	21863058.0	
	Enusa Industrias Avanzadas S.A. S.M.E.				
4455739	Xianghang (Rudong) Technology Co., Ltd	18/01/2023	4455739	23742931.1	
4455780	Largan Precision Co. Ltd.	16/04/2024	4455780	24170597.9	
4455821	Yamabiko Corporation	28/01/2022	4455821	22923852.2	
4456146	GlobalWafers Co., Ltd.	09/10/2017	4456146	24199429.2	
4456407	Infineon Technologies Austria AG	24/04/2023	4456407	23169514.9	
4456685	Huawei Technologies Co., Ltd.	29/01/2023	4456685	23752250.3	
4456795	Abbott Diabetes Care Inc.	29/12/2022	4456795	22862328.6	
4457120	AUMOVIO Autonomous Mobility US, LLC	22/12/2022	4457120	22854367.4	
4457168	KONE Corporation	27/12/2021	4457168	21844363.8	
4457581	Snap Inc.	14/12/2022	4457581	22856887.9	
4458215	BOCK 1 GmbH & Co. KG	02/05/2024	4458215	24020135.0	German
4458310	W & H Dentalwerk Bürmoos GmbH	13/12/2021	4458310	24199699.0	German
4458539	Scheucher Holzindustrie GmbH	13/02/2024	4458539	24157277.5	German
4458681	Airbus Operations GmbH	02/05/2023	4458681	23170961.9	
4458799	SK Chemicals Co., Ltd.	30/08/2023	4458799	23863403.4	
4459128	DAIKIN INDUSTRIES, LTD.	05/03/2024	4459128	24729953.0	
4459430	Honor Device Co., Ltd.	28/04/2023	4459430	23829687.5	
4459568	Truitner, Ian	10/01/2024	4459568	24151214.4	
4459970	Samsung Electronics Co., Ltd	13/12/2022	4459970	22926210.0	
4460468	Lindal France SAS	04/01/2023	4460468	23700271.2	French
4460995	Samsung Electronics Co., Ltd	01/06/2023	4460995	23816392.7	
4461016	QUALCOMM INCORPORATED	21/12/2022	4461016	22851360.2	
4461067	Qualcomm Incorporated	14/11/2022	4461067	22823218.7	
4461149	ALD GROUP LIMITED	10/01/2023	4461149	23737202.4	
4461190	BSH Hausgeräte GmbH	09/04/2024	4461190	24169230.0	German
4461420	CEFLA SOCIETA' COOPERATIVA	13/05/2024	4461420	24175333.4	
4461508	Tc Tech Sweden AB	01/07/2019	4461508	24182882.1	
4461959	DAIKIN INDUSTRIES, LTD.	25/03/2024	4461959	24731450.3	
4462074	Honeywell International Inc.	16/04/2024	4462074	24170454.3	
4462238	Honor Device Co., Ltd.	14/08/2023	4462238	23876319.7	
4462480	Huawei Digital Power Technologies Co., Ltd.	11/01/2024	4462480	24718694.3	
4462595	Honor Device Co., Ltd.	10/05/2023	4462595	23848969.4	
4462645	DAIKIN INDUSTRIES, LTD.	15/03/2024	4462645	24733835.3	
4462677	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	10/02/2017	4462677	24203329.8	
4462763	Samsung Electronics Co., Ltd.	19/05/2010	4462763	24189911.1	
4463649	Henn GmbH & Co KG.	10/01/2023	4463649	23704226.2	German
4464114	QUALCOMM INCORPORATED	15/12/2022	4464114	22850941.0	
4464295	API CZ s.r.o.	18/05/2022	4464295	24193372.0	
4464612	HN Innovation FlexCo	15/05/2024	4464612	24176121.2	German
4464725	Continental Reifen Deutschland GmbH	24/04/2024	4464725	24172255.2	German
4464763	Berkley Medical Resources, Inc.	12/04/2024	4464763	24169925.5	
4464764	Uniwersytet Zielonogórski	14/05/2023	4464764	23461588.8	
4464765	Uniwersytet Zielonogórski	14/05/2023	4464765	23461589.6	
4464988	Leuze electronic GmbH + Co. KG	16/05/2023	4464988	23173744.6	German
4465059	Huawei Digital Power Technologies Co., Ltd.	16/05/2024	4465059	24176458.8	
4465074	Aptiv Technologies AG	16/05/2023	4465074	23173725.5	
4465453	JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED	28/10/2022	4465453	24202484.2	
4465495	FERRARI S.p.A.	10/05/2024	4465495	24175186.6	
4465692	Sony Group Corporation	12/01/2023	4465692	23742785.1	
4465751	T-Mobile USA, Inc.	17/01/2019	4465751	24195828.9	
4466977	Maschinenfabrik Bernard Krone GmbH & Co. KG	22/06/2023	4466977	24203957.6	German

4467030	ZiboCare A/S	22/05/2024	4467030	24177196.3	
4467089	Surgiogen Co., Ltd.	22/12/2023	4467089	23219901.8	
4467187	Pacesetter, Inc.	21/05/2024	4467187	24176914.0	
4467376	AUO Mobility Solutions Germany GmbH	22/05/2024	4467376	24177280.5	German
4467481	Kvell Water R&D GmbH	13/09/2023	4467481	23197071.6	German
4467497	Murata Machinery, Ltd.	14/05/2024	4467497	24175666.7	
4467835	Deere & Company	02/05/2024	4467835	24173723.8	German
4467928	Murata Manufacturing Co., Ltd.	22/05/2023	4467928	23174564.7	
4468300	Becton, Dickinson and Company	21/09/2017	4468300	24205583.8	
4468649	nChain Licensing AG	19/06/2018	4468649	24206112.5	
4469315	Loadhog Limited	25/01/2023	4469315	23704420.1	
4469698	Safran Transmission Systems	20/01/2023	4469698	23706394.6	French
4470208	Microsoft Technology Licensing, LLC	30/10/2022	4470208	22814572.8	
4470370	Manthorpe Building Products Limited	16/04/2024	4470370	24170602.7	
4470602	Pacesetter, Inc.	17/05/2024	4470602	24176491.9	
4470673	WiWa Wilhelm Wagner GmbH & Co. KG	22/05/2024	4470673	24177429.8	German
4471297	CNH Industrial Italia S.p.A.	28/05/2024	4471297	24178610.2	
4471538	Samsung Electronics Co., Ltd	04/11/2021	4471538	24206906.0	
4471582	Huawei Technologies Co., Ltd.	06/04/2023	4471582	23787571.1	
4471827	Micromass UK Limited	06/05/2020	4471827	24204536.7	
4471986	Japan Aviation Electronics Industry, Limited	23/05/2024	4471986	24177640.0	
4472017	Lenovo (Beijing) Limited	26/03/2024	4472017	24166466.3	
4472853	Warner Electric Technology LLC	01/11/2022	4472853	22813826.9	
4473830	Big Dutchman International GmbH	07/06/2024	4473830	24180670.2	German
4473983	Safe Titanium, S.L.	17/04/2023	4473983	23841483.3	
4474202	NISSAN MOTOR CO., LTD.	02/02/2022	4474202	22924593.1	
4474546	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	19/02/2024	4474546	24158309.5	
4474650	Illinois Tool Works Inc.	15/05/2024	4474650	24176065.1	
4474651	DAIKIN INDUSTRIES, LTD.	07/03/2023	4474651	23774514.6	
4474668	Microtecnica S.r.l.	09/06/2023	4474668	23425029.8	
4474720	Delta Dore	06/06/2024	4474720	24180435.0	French
4474765	Primetals Technologies Germany GmbH	07/06/2023	4474765	23177953.9	German
4475192	Infineon Technologies Canada Inc.	05/06/2024	4475192	24180334.5	
4475533	Adeia Guides Inc.	25/09/2019	4475533	24188792.6	
4476633	Microsoft Technology Licensing, LLC	31/10/2022	4476633	22822718.7	
4477125	Tineco Intelligent Technology Co., Ltd.	26/04/2020	4477125	24209169.2	
4477185	Colgate-Palmolive Company	19/09/2019	4477185	24210176.4	
4477601	Otis Elevator Company	10/06/2024	4477601	24181236.1	
4477801	Joseph Vögele AG	29/09/2021	4477801	24210032.9	German
4477984	Heatex AB	28/05/2024	4477984	24178457.8	
4478003	SAGEMCOM ENERGY & TELECOM SAS	05/06/2024	4478003	24180168.7	French
4478104	Honor Device Co., Ltd.	12/04/2023	4478104	23858665.5	
4478106	Jiangxi OFILM Optical Co. Ltd.	04/06/2024	4478106	24179961.8	
4478325	FUJITSU LIMITED	15/06/2023	4478325	23382594.2	
4479228	Inter IKEA Systems BV	15/02/2023	4479228	23705533.0	
4480355	Erwin Müller GmbH	20/06/2024	4480355	24183360.7	German
4480368	LG Electronics Inc.	16/05/2024	4480368	24176323.4	
4480423	FUJIFILM Corporation	18/06/2024	4480423	24182844.1	
4480573	Softsystem S.r.l. Università di Pisa	21/06/2024	4480573	24183836.6	
4480672	RTX Corporation	05/06/2024	4480672	24180205.7	
4480709	Brother Kogyo Kabushiki Kaisha	12/06/2024	4480709	24181809.5	
4480712	FUJIFILM Corporation	26/01/2023	4480712	23752695.9	
4480761	Autoliv Development AB	27/07/2020	4480761	24211294.4	German
4480833	Airbus Defence and Space, S.A.	20/06/2023	4480833	23382616.3	
4481532	HTC Corporation	28/03/2024	4481532	24167203.9	
4481542	Honor Device Co., Ltd.	19/04/2023	4481542	23848918.1	
4482166	CANON KABUSHIKI KAISHA	21/06/2024	4482166	24183615.4	
4482279	Samsung Electronics Co., Ltd.	31/03/2023	4482279	23792061.6	

4482679	Spinnova Oyj	24/02/2023	4482679	23710922.8	
4483134	Mitsubishi Electric Corporation	15/12/2023	4483134	23844206.5	
4483312	Sage Intacct Inc	24/02/2023	4483312	23713992.8	
4483557	Weldsecure Limited	27/02/2023	4483557	23720319.5	
4483771	BSH Hausgeräte GmbH	24/06/2024	4483771	24183944.8	German
4484031	JFE Steel Corporation	07/02/2023	4484031	23778873.2	
4484044	JFE Steel Corporation	27/01/2023	4484044	23815468.6	
4484231	ZF CV Systems Global GmbH	30/05/2024	4484231	24179016.1	German
4484765	AIRBUS OPERATIONS	26/06/2024	4484765	24184552.8	French
4485455	Samsung Electronics Co., Ltd.	17/10/2019	4485455	24212672.0	
4486663	Krajewski, Kamil	10/03/2022	4486663	22721460.8	
4486667	Société des Produits Nestlé S.A.	01/03/2023	4486667	23707733.4	
4487819	Zimmer, Inc.	04/05/2018	4487819	24215248.6	
4487972	Illinois Tool Works Inc.	28/06/2024	4487972	24185344.9	
4487985	Illinois Tool Works Inc.	27/06/2024	4487985	24185038.7	
4488206	WDX Spolka Akcyjna	06/07/2023	4488206	23461621.7	
4488509	Wuhan Fushuo New Energy Thchnology Co., Ltd.	19/05/2022	4488509	22899811.8	
4488547	Milwaukee Electric Tool Corporation	17/07/2020	4488547	24210850.4	
4488627	Volvo Penta Corporation	03/07/2023	4488627	23183094.4	
4488841	Suzhou Metabrain Intelligent Technology Co., Ltd.	27/04/2023	4488841	23795567.9	
4489231	Bruin Biometrics, LLC	10/10/2019	4489231	24214401.2	
4489382	Huawei Technologies Co., Ltd.	19/05/2023	4489382	23814996.7	
4490002	Volvo Truck Corporation	02/06/2022	4490002	22731252.7	
4490004	Volvo Truck Corporation	29/06/2022	4490004	22741469.5	
4490085	KRONES AG	09/03/2023	4490085	23710723.0	German
4490941	Nokia Technologies Oy	09/03/2023	4490941	23713158.6	
4491095	Nuova S.B. System S.r.l.	27/06/2024	4491095	24000083.6	
4491404	Seiko Epson Corporation	12/07/2024	4491404	24188199.4	
4491771	Rockwell Collins, Inc.	10/07/2024	4491771	24187678.8	
4491924	Airbus Operations (S.A.S.)	10/07/2024	4491924	24187701.8	French
4492233	Douyin Vision Co., Ltd. Lemon Inc.	25/06/2024	4492233	24184385.3	
4492240	Huawei Technologies Co., Ltd.	17/07/2023	4492240	23842274.5	
4492471	Commissariat à l'Energie Atomique et aux Energies Alternatives	08/07/2024	4492471	24187074.0	French
4492606	General Electric Company General Electric Deutschland Holding GmbH	28/06/2024	4492606	24185482.7	
4492639	LG Electronics Inc.	11/04/2024	4492639	24169650.9	
4492765	ScanTrust B.V.	13/04/2022	4492765	24216794.8	
4493747	Respin AB	16/03/2023	4493747	23712843.4	
4493773	Pladur Gypsum, S.A.U.	15/03/2023	4493773	23712199.1	
4494536	Vorwerk & Co. Interholding GmbH	06/01/2021	4494536	24189943.4	German
4494903	Renault s.a.s	18/07/2024	4494903	24189422.9	French
4494969	Faiveley Transport Schwab AG	08/02/2024	4494969	24156672.8	German
4495330	Deere & Company	02/07/2024	4495330	24185861.2	
4495445	NSK Ltd.	01/02/2023	4495445	23770143.8	
4495555	SAGEMCOM ENERGY & TELECOM SAS	16/07/2024	4495555	24188959.1	French
4495814	Dynatrace LLC	18/07/2024	4495814	24189320.5	
4495815	Honeywell International Inc.	26/06/2024	4495815	24184664.1	
4495970	SCHNEIDER ELECTRIC INDUSTRIES SAS	12/07/2024	4495970	24188430.3	French
4496093	LG Energy Solution, Ltd.	10/11/2023	4496093	23891930.2	
4496180	Huawei Digital Power Technologies Co., Ltd.	26/06/2024	4496180	24184657.5	
4496541	New World Medical, Inc.	21/03/2023	4496541	23718424.7	
4496983	Mercedes-Benz Group AG	16/12/2022	4496983	22839744.4	German
4497329	Automatic Bar Controls, Inc.	03/12/2021	4497329	24219504.8	

4497426	Ontex BV Ontex Group NV	25/07/2023	4497426	23187694.7	
4497586	G. Gillard SAS	23/07/2024	4497586	24190444.0	French
4497850	TotalEnergies OneTech	27/07/2023	4497850	23306298.3	
4498905	iNDTact GmbH	31/05/2023	4498905	23729753.6	German
4499159	Consejo Superior De Investigaciones Científicas (CSIC)	27/03/2023	4499159	23715492.7	
4499261	LUOSSAVAARA-KIIRUNAVAARA AB	23/03/2023	4499261	23718075.7	
4499519	SIG Services AG	18/07/2023	4499519	23748012.4	German
4500044	Flender GmbH	09/03/2023	4500044	23710329.6	German
4500191	The Gillette Company LLC	29/03/2023	4500191	23718606.9	
4500281	Siemens Aktiengesellschaft	15/06/2023	4500281	23734168.0	German
4500294	Microsoft Technology Licensing, LLC	16/01/2023	4500294	23705738.5	
4501241	FUJIFILM Corporation	15/03/2023	4501241	23779637.0	
4501474	Ishida Co., Ltd.	31/07/2024	4501474	24191994.3	
4501672	Zhejiang Sanhua Intelligent Controls Co., Ltd.	17/06/2024	4501672	24182593.4	
4502443	LINDNER SE	16/07/2024	4502443	24188922.9	German
4502868	Palo Alto Networks, Inc.	09/02/2022	4502868	24220293.5	
4504448	Berndorf Band GmbH	06/04/2023	4504448	23721264.2	German
4504532	Clik Corporation	07/04/2023	4504532	23721147.9	
4504617	B&T Entwicklungs- und Vermarktungsgesellschaft mbH	05/04/2023	4504617	23717896.7	
4504618	B&T Entwicklungs- und Vermarktungsgesellschaft mbH	05/04/2023	4504618	23718730.7	
4504637	KONE Corporation	07/04/2022	4504637	22716445.6	
4505094	Sport Import GmbH	16/02/2023	4505094	23707015.6	German
4505515	SOITEC	03/04/2023	4505515	23719826.2	French
4505698	CDW LLC	05/04/2023	4505698	23721099.2	
4505770	Telefonaktiebolaget LM Ericsson (publ)	06/04/2023	4505770	23721007.5	
4505859	CLAAS Industrietechnik GmbH	18/06/2024	4505859	24182852.4	German
4505944	Shanghai United Imaging Healthcare Co., Ltd.	07/08/2024	4505944	24193304.3	
4505971	Ivoclar Vivadent AG	11/08/2023	4505971	23191046.4	German
4505972	Ivoclar Vivadent AG	11/08/2023	4505972	23191040.7	German
4506238	Hinz, Uwe	18/07/2024	4506238	24189327.0	German
4507004	Commissariat à l'Energie Atomique et aux Energies Alternatives	06/08/2024	4507004	24193010.6	French
4507153	Contemporary Amperex Technology Co., Limited	14/10/2022	4507153	22961779.0	
4507220	Siemens Aktiengesellschaft	07/08/2023	4507220	23190098.6	German
4507289	Honor Device Co., Ltd.	23/11/2023	4507289	23923788.6	
4507532	Philip Morris Products S.A.	13/04/2023	4507532	23719029.3	
4507931	Forges de Belles Ondes	12/04/2023	4507931	23722629.5	French
4507982	Philip Morris Products S.A.	12/04/2023	4507982	23719352.9	
4507991	KONE Corporation	14/04/2022	4507991	22718245.8	
4508101	BASF SE	06/04/2023	4508101	23718747.1	
4508359	GAZTRANSPORT ET TECHNIGAZ	06/04/2023	4508359	23717920.5	French
4508627	GISMO Industrie-Holding & Verwaltung AG	11/04/2023	4508627	23725356.2	German
4509356	CNH Industrial Italia S.p.A.	17/07/2024	4509356	24189057.3	
4509456	Otis Elevator Company	09/08/2024	4509456	24193968.5	
4509693	HALLIBURTON ENERGY SERVICES, INC.	26/10/2018	4509693	24223641.2	
4510396	Tyco Electronics (Shanghai) Co., Ltd.	13/08/2024	4510396	24194258.0	
4510453	DELTA ELECTRONICS, INC.	30/10/2023	4510453	23206692.8	
4511210	CREATE IT REAL A/S	20/04/2023	4511210	23716910.7	
4511264	Siemens Mobility GmbH	12/06/2023	4511264	23734146.6	German
4511333	THE WASTE TRANSFORMERS INVESTMENTS B.V.	21/04/2023	4511333	23725460.2	
4511459	BASF SE	11/04/2023	4511459	23714778.0	

4511672	The Board of Trustees of the University of Illinois	18/04/2023	4511672	23722780.6	
4511756	NIKE Innovate C.V.	21/04/2023	4511756	23724526.1	
4512273	Comadur S.A.	23/08/2023	4512273	23192986.0	French
4512506	Baldwin Filters, Inc.	07/07/2021	4512506	24216576.9	
4512638	Continental Reifen Deutschland GmbH	30/07/2024	4512638	24191693.1	German
4513063	Robert Bosch GmbH	21/08/2024	4513063	24195642.4	German
4513079	SAG Group B.V.	24/08/2023	4513079	23193128.8	German
4513157	Japan Aviation Electronics Industry, Limited	16/07/2024	4513157	24189031.8	
4513269	Commissariat à l'Energie Atomique et aux Energies Alternatives	12/08/2024	4513269	24194194.7	French
4513276	Comadur S.A.	23/08/2023	4513276	23192994.4	French
4513887	Samsung Electronics Co., Ltd	13/08/2024	4513887	24194226.7	
4514304	Solventum Intellectual Properties Company	29/03/2023	4514304	23718059.1	
4514562	Trotec Laser GmbH	30/05/2023	4514562	23730348.2	German
4514585	LEGO A/S	21/04/2023	4514585	23723419.0	
4514606	Saint-Gobain Sekurit France	28/04/2023	4514606	23723534.6	French
4514759	AGC Glass Europe	27/04/2023	4514759	23723179.0	
4514794	Eli Lilly and Company	25/04/2023	4514794	23724630.1	
4514842	AstraZeneca UK Limited	28/04/2023	4514842	23724670.7	
4515074	TechnipFMC Norge AS	18/04/2023	4515074	23719774.4	
4515096	Pierburg GmbH	25/04/2022	4515096	22725442.2	German
4515323	OBE GmbH & Co. KG	27/04/2023	4515323	23720633.9	German
4515377	Amdocs Development Limited	23/04/2023	4515377	23724390.2	
4515518	Laerdal Medical AS	25/10/2022	4515518	22812474.9	
4516148	adidas AG	30/08/2024	4516148	24197436.9	
4517269	Nidec Drive Technology Corporation	26/08/2024	4517269	24196357.8	
4517435	FUJIFILM Business Innovation Corp.	07/08/2024	4517435	24193272.2	
4518234	NTT DOCOMO, INC.	10/05/2018	4518234	25151242.2	
4518615	Hengdian Group DMEGC Magnetics Co., Ltd.	18/07/2024	4518615	24189425.2	
4518635	Novald GmbH	29/08/2023	4518635	23194021.4	
4518970	Scholar Rock, Inc.	03/05/2023	4518970	23729539.9	
4519035	Primetals Technologies Germany GmbH	26/04/2023	4519035	23722862.2	German
4519519	Renson NV	28/04/2023	4519519	23721016.6	
4519525	Fort Noxs B.V.	02/05/2023	4519525	23723918.1	
4519576	Edwards Limited	04/05/2023	4519576	23724011.4	
4519741	ABB Schweiz AG	28/04/2023	4519741	23722378.9	German
4519892	Comecer S.p.A.	05/05/2023	4519892	23727662.1	
4520030	Telefonaktiebolaget LM Ericsson (publ)	02/05/2023	4520030	23725112.9	
4520229	Stefan cel Mare University of Suceava	04/10/2023	4520229	23464009.2	
4520548	Sumitomo Rubber Industries, Ltd.	08/08/2024	4520548	24193691.3	
4520876	Sumitomo Heavy Industries, LTD.	03/09/2024	4520876	24198137.2	
4521335	Shanghai Hanshi Information Technology Co., Ltd.	19/06/2024	4521335	24183220.3	
4521521	Prime Planet Energy & Solutions, Inc.	06/08/2024	4521521	24193063.5	
4521831	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/07/2022	4521831	22951409.6	
4522420	Matthews International Corporation Matthews International GmbH	12/05/2022	4522420	22724632.9	German
4522481	Siemens Mobility GmbH	13/06/2023	4522481	23734157.3	German
4522990	Deutsches Krebsforschungszentrum Stiftung des öffentlichen Rechts	10/05/2023	4522990	23728612.5	
4523035	Nebulae Inc.	15/06/2023	4523035	23739021.6	
4523157	Advanced Agrilytics Holdings, LLC	08/05/2023	4523157	23727174.7	
4523325	Novotegra GmbH	27/06/2022	4523325	22735899.1	German
4523526	Livin Farms Agrifood GmbH	13/09/2023	4523526	23197145.8	German
4523527	Livin Farms Agrifood GmbH	13/09/2023	4523527	23197147.4	German
4523814	Primetals Technologies Austria GmbH	14/09/2023	4523814	23197478.3	German
4523873	Ballario & Forestello S.r.l.	12/09/2024	4523873	24200078.4	
4524440	Vaillant GmbH	11/09/2024	4524440	24199800.4	German

4524465	Steinmüller Engineering GmbH	18/09/2023	4524465	23198022.8	German
4524486	Carrier Corporation	02/09/2024	4524486	24197866.7	
4524539	SICK AG	12/09/2023	4524539	23196923.9	German
4524689	Samsung Electronics Co., Ltd	09/07/2024	4524689	24742813.9	
4524993	Curio Solutions, LLC	11/09/2024	4524993	24199886.3	
4525417	Huawei Technologies Co., Ltd.	11/01/2024	4525417	24749134.3	
4525728	Koninklijke Philips N.V.	18/05/2023	4525728	23727555.7	
4526027	leon-nanodrugs GmbH	02/10/2023	4526027	23782957.7	
4526071	Commissariat à l'Energie Atomique et aux Energies Alternatives	17/05/2023	4526071	23730549.5	French
4526127	Peleman Industries NV	04/04/2023	4526127	23718689.5	
4526383	Heubach Holding Switzerland AG (Ltd)	16/05/2023	4526383	23727330.5	German
4526543	Saudi Arabian Oil Company	21/06/2023	4526543	23744272.8	
4526911	Hitachi Energy Ltd	16/05/2022	4526911	22729541.7	
4527473	Sumitomo Rubber Industries, Ltd.	12/05/2023	4527473	25157160.0	
4527708	Anhui NIO Autonomous Driving Technology Co., Ltd.	30/10/2023	4527708	23206591.2	
4529165	Maxell, Ltd.	09/10/2008	4529165	25154628.9	
4529229	Oticon A/S	24/09/2024	4529229	24202113.7	
4529351	Dongguan Meisheng Intelligent Technology Co., Ltd.	13/06/2024	4529351	24181921.8	
4529603	Renson NV	24/02/2023	4529603	23710438.5	
4529678	Google LLC	09/08/2023	4529678	23765038.7	
4530265	SCHOTT AG	27/09/2023	4530265	23199977.2	
4530539	B/E Aerospace, Inc.	27/09/2023	4530539	23200201.4	
4530783	Endress+Hauser SE+Co. KG	28/03/2023	4530783	25158285.4	German
4530807	Warmwind AG	28/09/2023	4530807	23200435.8	
4531725	Boston Scientific Scimed, Inc.	17/05/2023	4531725	23732259.9	
4532130	Unilin, BV	10/05/2023	4532130	23727887.4	
4532373	Moba Group B.V.	23/05/2023	4532373	23727110.1	
4532584	Syensqo Specialty Polymers Italy S.p.A.	30/05/2023	4532584	23729730.4	
4532821	Compack BV	01/06/2023	4532821	23735835.3	
4532922	VULJAJ, Sokolj	01/08/2023	4532922	23754872.2	
4532974	Signify Holding B.V.	22/05/2023	4532974	23727380.0	
4533066	Beckman Coulter, Inc.	03/05/2024	4533066	24729559.5	
4533170	Luxottica S.r.l.	24/05/2023	4533170	23731371.3	
4534139	Pacesetter, Inc.	01/10/2024	4534139	24204069.9	
4534348	Traton AB	01/10/2024	4534348	24203937.8	German
4534986	Akademia Gorniczo-Hutnicza im. Stanislawa Staszica w Krakowie	07/12/2023	4534986	23214856.9	
4535293	Jabbr Technologies ApS	04/10/2023	4535293	23201624.6	
4536040	ROOM IN A BOX GmbH & Co. KG	29/03/2023	4536040	23717420.6	German
4536110	Acandis GmbH	05/06/2023	4536110	23731995.9	German
4536328	NEMERA LA VERPILLIERE	09/06/2023	4536328	23731678.1	French
4536487	Vittoria S.p.A.	10/05/2023	4536487	23727455.0	
4536501	Stellantis Europe S.p.A.	30/05/2023	4536501	23732680.6	
4536510	Bayerische Motoren Werke Aktiengesellschaft	25/05/2023	4536510	23728377.5	German
4536526	VOLVO TRUCK CORPORATION	07/06/2022	4536526	22738336.1	
4536528	VOLVO TRUCK CORPORATION	07/06/2022	4536528	22738335.3	
4536607	Strasser Steine GmbH	05/06/2023	4536607	23730350.8	German
4536930	National Oilwell Varco, L.P.	09/06/2023	4536930	23738324.5	
4537764	Samsung Medison Co., Ltd.	24/01/2024	4537764	24153591.3	
4537884	Pfm medical GmbH	01/10/2024	4537884	24203911.3	German
4538058	Venturi Lab SA	12/10/2023	4538058	23203183.1	French
4538132	VOLKSWAGEN AG	29/07/2024	4538132	24191502.4	German
4539257	JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED	28/08/2024	4539257	24196856.9	
4539391	nChain Licensing AG	05/05/2020	4539391	25150222.5	
4539811	IDS RESEARCH SOCIETÀ A RESPONSABILITÀ LIMITATA	13/06/2023	4539811	23734751.3	

4539942	IDS RESEARCH SOCIETÀ A RESPONSABILITÀ LIMITATA	13/06/2023	4539942	23734752.1	
4540500	SAFRAN AIRCRAFT ENGINES	16/06/2023	4540500	23738825.1	French
4540724	Oracle International Corporation	02/06/2023	4540724	23738250.2	
4541296	Aesculap AG	16/10/2023	4541296	23203902.4	
4542110	Music & Lights S.r.l.	10/10/2024	4542110	24205814.7	
4542271	Draka Comteq France SAS	16/10/2024	4542271	24206900.3	
4542702	Digatron Systems S.r.l.	05/09/2024	4542702	24198601.7	
4542975	Samsung Electronics Co., Ltd.	05/09/2023	4542975	23863452.1	
4543682	Canon Production Printing Holding B.V.	19/06/2023	4543682	23733757.1	
4543780	Easysnap Technology S.r.l.	19/06/2023	4543780	23736201.7	
4544127	Vandenbempt Patent BV	26/06/2023	4544127	23738170.2	
4544155	SAFRAN AIRCRAFT ENGINES Safran Ceramics	22/06/2023	4544155	23744848.5	French
4544310	Universidade de Aveiro	28/06/2022	4544310	22743572.4	
4544373	Microsoft Technology Licensing, LLC	05/05/2023	4544373	23728198.5	
4544783	Snap Inc.	09/06/2023	4544783	23739035.6	
4544874	Signify Holding B.V.	15/06/2023	4544874	23733713.4	
4544945	Sievin Jalkine Oy	27/08/2024	4544945	24196736.3	
4545764	Suzuki Motor Corporation	10/09/2024	4545764	24199447.4	
4545869	BDR Thermea Group B.V.	25/10/2023	4545869	23205711.7	
4546714	Huawei Cloud Computing Technologies Co., Ltd.	03/04/2023	4546714	23844883.1	
4547507	Bayerische Motoren Werke Aktiengesellschaft	05/06/2023	4547507	23730808.5	German
4548014	Air Products and Chemicals, Inc.	27/06/2023	4548014	23745316.2	
4548435	VALEO VISION	30/06/2023	4548435	23737977.1	
4548438	Acergy France SAS	29/06/2023	4548438	23764696.3	
4549252	Grupo Antolin-Ingenieria, S.A.	31/10/2023	4549252	23383109.8	
4549256	Hyundai Mobis Co., Ltd.	26/06/2024	4549256	24184523.9	
4549273	Robert Bosch GmbH	13/06/2023	4549273	23738147.0	
4549694	Sandvik Mining and Construction Oy	31/10/2023	4549694	23206959.1	
4549815	Biaco Limited	28/02/2022	4549815	25165614.6	
4549864	HUTCHINSON	30/10/2024	4549864	24209927.3	French
4550185	Telefónica Innovación Digital, S.L.U.	03/11/2023	4550185	23383118.9	
4550596	WEZAG GmbH & Co. KG	03/11/2023	4550596	23207618.2	German
4551139	Warsaw Orthopedic, Inc.	30/06/2023	4551139	23744560.6	
4551190	LTS Lohmann Therapie-Systeme AG ALK-Abelló A/S	07/07/2023	4551190	23739561.1	
4551366	Koninklijke Philips N.V.	04/07/2023	4551366	23738024.1	
4551445	Renault s.a.s	07/06/2023	4551445	23731271.5	French
4551498	Heineken UK Limited	07/07/2023	4551498	23741316.6	
4551532	Beteiligungen Sorg GmbH & Co. KG	07/07/2023	4551532	23741308.3	German
4551925	Flooring Technologies Ltd.	22/06/2023	4551925	23734273.8	German
4552774	SUMITOMO ELECTRIC INDUSTRIES, LTD.	11/03/2020	4552774	25153178.6	
4552779	Naldi, Valter	07/11/2024	4552779	24211304.1	
4552871	Volvo Car Corporation	09/11/2023	4552871	23208808.8	
4552972	AIRBUS OPERATIONS, S.L.U.	07/11/2023	4552972	23383135.3	
4553325	DENSO THERMAL SYSTEMS S.p.A.	04/11/2024	4553325	24210471.9	
4553435	Carrier Corporation	08/11/2024	4553435	24211928.7	
4553467	Melexis Technologies NV	13/11/2023	4553467	23209350.0	
4554002	LG Electronics Inc.	09/08/2022	4554002	22955077.7	
4554410	SmartWash Solutions, LLC.	12/07/2023	4554410	23751809.7	
4554836	Veolia Environnement	12/07/2023	4554836	23741694.6	French
4555259	Bekaert Combustion Technology B.V.	10/07/2023	4555259	23741028.7	
4556239	BROTHER KOGYO KABUSHIKI KAISHA	14/11/2023	4556239	23209645.3	
4556953	VOLVO TRUCK CORPORATION	04/10/2024	4556953	24204698.5	
4557215	Tianjin Yujin Artificial Intelligence Medical Technology Co., Ltd	31/05/2023	4557215	23838574.4	
4557251	Brightstar Global Solutions Corporation	05/11/2024	4557251	24210802.5	

4557383	Electricité de France	28/10/2024	4557383	24209159.3	French
4558100	TECRES S.P.A.	18/07/2023	4558100	23748849.9	
4558785	Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris Centre National de la Recherche Scientifique	07/07/2023	4558785	23741001.4	French
4558987	Dolby International AB	14/07/2023	4558987	23741069.1	
4559779	KESSEBÖHMER HOLDING KG	19/11/2024	4559779	24213949.1	German
4560259	Dengler, Stefan Mähner, Bernward	25/11/2024	4560259	24215010.0	German
4560576	HTC Corporation	17/04/2024	4560576	24170805.6	
4561377	Philip Morris Products S.A.	25/07/2023	4561377	23745196.8	
4561378	Philip Morris Products S.A.	25/07/2023	4561378	23745197.6	
4561379	Philip Morris Products S.A.	25/07/2023	4561379	23745198.4	
4561692	Medtronic, Inc.	17/07/2023	4561692	23750741.3	
4562376	Endress+Hauser Flowtec AG	17/07/2023	4562376	23744425.2	German
4562523	Microsoft Technology Licensing, LLC	12/06/2023	4562523	23738992.9	
4563325	KHS GmbH	30/10/2024	4563325	24209837.4	German
4563943	WAYMO LLC	27/11/2024	4563943	24215918.4	
4564033	Getac Technology Corporation	23/10/2024	4564033	24208346.7	
4564093	Shin-Etsu Chemical Co., Ltd.	14/11/2024	4564093	24212908.8	
4564100	Ricoh Company, Ltd.	18/11/2024	4564100	24213583.8	
4564225	Samsung Electronics Co., Ltd.	26/11/2024	4564225	24215389.8	
4565469	VOLKSWAGEN AKTIENGESELLSCHAFT	18/07/2023	4565469	23744444.3	German
4565544	Cosentino Research & Development, S.L.	30/01/2024	4565544	24702777.4	
4566911	AXTONE Spółka Akcyjna	18/11/2024	4566911	24213532.5	
4567173	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	14/11/2024	4567173	24212901.3	
4568508	Philip Morris Products S.A.	10/08/2023	4568508	23753923.4	
4569234	SAFRAN AIRCRAFT ENGINES	02/08/2023	4569234	23758697.9	French
4569802	Telefonaktiebolaget LM Ericsson (publ)	10/08/2023	4569802	23754316.0	
4570849	Diatex	11/12/2024	4570849	24219116.1	French
4571040	Sandvik Mining and Construction Oy	11/12/2023	4571040	23215517.6	
4571166	RESRG Automotive SE & Co. KG	13/12/2024	4571166	24219651.7	German
4571423	FUJIFILM Business Innovation Corp.	04/11/2024	4571423	24210502.1	
4571447	THALES	26/11/2024	4571447	24215514.1	French
4572028	Japan Aviation Electronics Industry, Limited	30/10/2024	4572028	24209876.2	
4573617	Siemens Mobility GmbH	11/10/2023	4573617	23797666.7	German
4573887	MeisterWerke Schulte GmbH	13/12/2024	4573887	24219724.2	German
4575119	SCHÜCO International KG	05/12/2024	4575119	24217721.0	German
4575369	Alfa Laval Corporate AB	22/12/2023	4575369	23219588.3	
4575437	JFE Steel Corporation	08/06/2023	4575437	23871309.3	
4576814	SAGEMCOM BROADBAND SAS	18/12/2024	4576814	24221276.9	French
4577453	SAFRAN AIRCRAFT ENGINES	21/08/2023	4577453	23772295.4	French
4577625	Unilever Global IP Limited	18/08/2023	4577625	23757916.4	
4579570	The Toro Company	16/06/2021	4579570	25176362.9	
4581350	Omegga GmbH	23/08/2023	4581350	23761811.1	German
4581440	Elisa Oyj	23/10/2023	4581440	23798269.9	
4583218	Samsung SDI Co., Ltd.	23/09/2024	4583218	24201969.3	
4583799	Bolder Surgical, LLC	21/09/2023	4583799	23790506.2	
4584828	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	17/08/2023	4584828	23758599.7	German
4585087	Fontem Ventures B.V.	24/07/2017	4585087	25174253.2	
4586139	Microsoft Technology Licensing, LLC	30/12/2024	4586139	24223672.7	
4587805	Safran Helicopter Engines	12/09/2023	4587805	23793413.8	French
4588153	Koninklijke Philips N.V.	05/09/2023	4588153	23762533.0	

4588258	Cymoon Université de Bordeaux Institut Polytechnique de Bordeaux Centre National de la Recherche Scientifique	13/09/2023	4588258	23767920.4	French
4588647	mexbert gmbh	16/01/2025	4588647	25152308.0	German
4589490	FUJITSU LIMITED	27/11/2024	4589490	24215952.3	
4590221	Creo Medical Limited	05/09/2023	4590221	23768794.2	
4590491	Stratasys Powder Production Ltd	11/10/2023	4590491	23794459.0	
4591402	Caterpillar, Inc.	21/08/2023	4591402	23769068.0	
4591756	Colapz Ltd	24/01/2025	4591756	25153930.0	
4598472	Medical Microinstruments, Inc.	05/10/2023	4598472	23800532.6	
4598608	Irrimax Corporation	09/09/2024	4598608	24783820.4	
4599030	Evonik Operations GmbH	13/12/2024	4599030	24827750.1	
4600508	AIRBUS OPERATIONS (S.A.S.)	07/02/2025	4600508	25156615.4	French
4600712	Elbit Systems Ltd.	23/05/2022	4600712	25186717.2	
4601595	3M Innovative Properties Company	13/10/2023	4601595	23793482.3	
4601703	Astrazeneca AB	09/04/2024	4601703	24718170.4	
4601704	Astrazeneca AB	14/08/2024	4601704	24758462.6	
4606264	Fami S.R.L.	14/02/2025	4606264	25157938.9	
4606665	Volvo Construction Equipment AB	20/02/2024	4606665	24158738.5	
4607159	Samsung SDI Co., Ltd.	23/02/2024	4607159	24159433.2	
4609670	ABB Schweiz AG	16/01/2024	4609670	24701545.6	
4611357	Seiko Epson Corporation	27/02/2025	4611357	25160636.4	
4614257	Murrelektronik GmbH	05/03/2024	4614257	24161367.8	German
4615614	AUDI AG	26/10/2023	4615614	23798430.7	German
4619083	Sorin CRM SAS	16/11/2022	4619083	22844261.2	
4621388	Yokogawa Electric Corporation	10/03/2025	4621388	25162608.1	
4622707	Hofmeir Magnetics Limited	24/01/2023	4622707	23707438.0	
4623434	Service Impex Costa Dorada S.L.	16/10/2023	4623434	23790603.7	German
4623758	New-Tec Integration (Xiamen) Co., Ltd.	13/05/2024	4623758	24175529.7	
4624406	Primetals Technologies Austria GmbH	28/03/2024	4624406	24167437.3	German
4626361	Koninklijke Philips N.V.	14/11/2023	4626361	23805954.7	
4626721	Jaguar Land Rover Limited	29/11/2023	4626721	23817332.2	
4626725	Jaguar Land Rover Limited	29/11/2023	4626725	23821132.0	
4629594	CHINA MOBILE COMMUNICATIONS GROUP CO., LTD. CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE	30/12/2021	4629594	25196914.3	
4629887	Hemolens Diagnostics spolka z ograniczona odpowied	09/12/2022	4629887	22854772.5	
4633090	Barco NV	21/12/2018	4633090	25199646.8	
4635017	Cellforce Group GmbH	05/12/2023	4635017	23833607.7	German
4635261	Koninklijke Philips N.V.	11/12/2023	4635261	23822305.1	
4637533	Koninklijke Philips N.V.	13/12/2023	4637533	23821675.8	
4637867	Koninklijke Philips N.V.	11/12/2023	4637867	23820942.3	
4640285	SKYLOTEC GmbH	22/04/2024	4640285	24171716.4	
4643583	Koninklijke Philips N.V.	04/01/2024	4643583	24704958.8	
4645178	Infineon Technologies Austria AG	03/05/2024	4645178	24174099.2	
4646619	CooperVision International Limited	28/06/2024	4646619	24740516.0	
4648707	Brainlab SE	04/12/2024	4648707	24817981.4	
4650917	HTC Corporation	17/06/2024	4650917	24182562.9	
4657373	Axis AB	29/05/2024	4657373	24178864.5	
4664228	AutoStore Technology AS	10/06/2024	4664228	24181117.3	
4677427	Leonardo S.p.A.	03/07/2024	4677427	24752152.9	
4679451	Ada Health GmbH	12/07/2024	4679451	24188258.8	
4680309	Flex Ltd.	19/04/2024	4680309	24726455.9	
4695563	Smay Sp. z o.o.	08/07/2024	4695563	24740430.4	

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2508404	National University Corporation Tokyo University of Marine Science And Technology	03/12/2010	2508404	10834392.2	
2512967	Otis Elevator Company	14/12/2009	2512967	09852380.6	
2606242	Integenx Inc.	20/08/2011	2606242	11818878.8	
2636187	Cisco Technology, Inc.	20/05/2011	2636187	11838381.9	
2761077	Arçelik Anonim Sirketi	14/09/2012	2761077	12773244.4	
2803292	Amorepacific Corporation	11/01/2013	2803292	13736154.9	
2870441	Smiths Detection Inc.	03/07/2013	2870441	13813794.8	
2879490	Terramera Exco Holdings Ltd	29/07/2013	2879490	13759553.4	
2897493	Steelcase Inc.	19/09/2013	2897493	13838807.9	
2929213	Litens Automotive Partnership	09/12/2013	2929213	13860580.3	
2950256	Banks and Acquirers International Holding	27/05/2015	2950256	15169497.3	French
2959581	Microchip Technology Incorporated	21/02/2014	2959581	14709079.9	
2986494	Enviolo B.V.	16/04/2014	2986494	14724614.4	
3008955	InterDigital Patent Holdings, Inc.	12/06/2014	3008955	14738949.8	
3033448	Footfalls And Heartbeats (UK) Limited	14/08/2014	3033448	14758423.9	
3039748	Amphenol FCI Asia Pte. Ltd.	07/08/2014	3039748	14839711.0	
3060514	Ascero Technologies, LLC	23/10/2014	3060514	14855031.2	
3080220	SEB S.A.	11/12/2014	3080220	14827495.4	French
3091514	DIGIPAS TECHNOLOGIES INC.	02/05/2016	3091514	16167924.6	
3110862	ExxonMobil Product Solutions Company	25/02/2015	3110862	15754561.7	
3113311	NR Electric Co., Ltd NR Engineering Co., Ltd	04/05/2014	3113311	14883640.6	
3170533	Welcare Industries S.p.A. Società Benefit	17/11/2015	3170533	15195035.9	
3175762	LG Electronics Inc.	01/02/2016	3175762	16205082.7	
3176687	Intel Corporation	31/12/2009	3176687	17152708.8	
3178174	Mox Networks LLC	06/08/2015	3178174	15829367.0	
3183292	Plastipak Packaging, Inc.	21/08/2015	3183292	15834595.9	
3189565	Pilot Photonics Limited	28/08/2015	3189565	15770453.7	
3197495	The Regents of the University of California	28/09/2015	3197495	15844518.9	
3200032	Symbotic LLC	10/09/2012	3200032	17151219.7	
3203983	Zambon S.p.A.	07/10/2015	3203983	15784293.1	
3213719	Medinol Ltd.	23/07/2013	3213719	17167574.7	
3216838	tesa SE	06/02/2017	3216838	17154746.6	German
3221679	SpectraPixel LLC	20/11/2015	3221679	15860750.7	
3226121	Google LLC	30/12/2016	3226121	16207511.3	
3229974	CareFusion 2200 Inc.	10/12/2015	3229974	15866434.2	
3239393	ContiTech Deutschland GmbH	10/04/2017	3239393	17165671.3	
3241109	Microsoft Technology Licensing, LLC	07/12/2015	3241109	15817024.1	
3252841	Novald GmbH	30/05/2016	3252841	16172006.5	
3255250	General Electric Company	15/02/2017	3255250	17156328.1	
3257068	Nova Measuring Instruments, Inc.	10/02/2016	3257068	16749810.4	
3259139	Bundesdruckerei GmbH	01/02/2016	3259139	16703090.7	German
3264646	Sharp Kabushiki Kaisha	24/02/2016	3264646	16755521.8	
3266424	W. L. Gore & Associates, Inc.	14/11/2012	3266424	17186750.0	
3268575	ITI Scotland Limited	11/03/2016	3268575	16710703.6	
3281979	Sumitomo Rubber Industries, Ltd.	11/04/2016	3281979	16783041.3	
3284830	National Center of Neurology and Psychiatry	15/04/2016	3284830	16780156.2	
3289600	Kabushiki Kaisha Yakult Honsha Centre National De La Recherche Scientifique Institut National De La Recherche Scientifique	27/05/2016	3289600	16802283.8	
3293996	Doosan Enerbility Co., Ltd.	08/09/2017	3293996	17190031.9	
3296403	Monsanto Technology LLC	12/06/2014	3296403	17183527.5	
3302920	Windmüller & Hölscher KG	10/05/2016	3302920	16722172.0	German
3303573	Danstar Ferment AG	06/06/2016	3303573	16729515.3	
3310607	AUMOVIO Germany GmbH	22/06/2015	3310607	15896242.3	

3310810	Merck Patent GmbH Pfizer Inc.	15/06/2016	3310810	16732440.9	
3312218	Nippon Shokubai Co., Ltd.	20/06/2016	3312218	16811776.0	
3313505	NewSouth Innovations Pty Limited	24/06/2016	3313505	16813403.9	
3313891	Novartis AG	24/06/2016	3313891	16734042.1	
3318109	Lumileds LLC	27/06/2016	3318109	16732607.3	
3320435	Telecom Italia S.p.A.	09/07/2015	3320435	15744887.9	
3321401	Savio Macchine Tessili S.p.A.	26/10/2017	3321401	17198457.8	
3322351	Surgimatix, Inc.	11/07/2016	3322351	16824986.0	
3330946	Astemo, Ltd.	20/07/2016	3330946	16832754.2	
3331909	The United States Of America, As Represented By The Secretary, Department Of Health And Human Services	02/08/2016	3331909	16748467.4	
3332960	Dexerials Corporation	28/04/2016	3332960	16832565.2	
3333280	Flisom AG	12/09/2007	3333280	17210307.9	
3336976	KOMAX HOLDING AG	16/12/2016	3336976	16204680.9	German
3345919	VIB VZW Vrije Universiteit Brussel The Board of Trustees of the Leland Stanford Junior University The Regents of The University of Michigan	21/06/2012	3345919	17209368.4	
3347870	Humetrix	09/09/2016	3347870	16845182.1	
3353690	Fisher&Paykel Healthcare Limited	21/09/2016	3353690	16849086.0	
3353946	Genetec Inc.	02/08/2016	3353946	16847674.5	
3355928	Grace GmbH	30/09/2016	3355928	16778294.5	
3362736	Ameritech LLC	16/08/2016	3362736	16855892.2	
3363372	Yisi Suzhou Medical Technology Co., Ltd. Ezisure Medical Co., Ltd.	29/06/2016	3363372	16854766.9	
3364681	NEC Corporation	04/09/2014	3364681	18165057.3	
3367130	STMicroelectronics (Research & Development) Limited	22/02/2017	3367130	17157491.6	
3367359	Resideo LLC	05/02/2018	3367359	18155167.2	
3369078	ZippSAFE AG	28/10/2016	3369078	16788510.2	
3369917	Yamaha Hatsudoki Kabushiki Kaisha	27/11/2017	3369917	17203796.2	
3371660	Zoox, Inc.	03/11/2016	3371660	16862996.2	
3373152	Google LLC	30/10/2017	3373152	17199241.5	
3379943	Firmenich SA	24/11/2016	3379943	16805995.4	
3380162	Sanofi-Aventis Deutschland GmbH	21/11/2016	3380162	16798196.8	
3383141	BSH Hausgeräte GmbH	03/04/2018	3383141	18165514.3	German
3384598	Thales	30/11/2016	3384598	16808956.3	French
3384919	Dana-Farber Cancer Institute, Inc.	01/06/2009	3384919	18162674.8	
3391810	Dental Monitoring	10/10/2017	3391810	17306361.1	French
3394631	Ascentia Imaging, Inc.	22/12/2016	3394631	16828846.2	
3395428	L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	15/12/2010	3395428	18170442.0	
3395891	Mitsubishi Chemical Corporation	21/12/2016	3395891	16878731.5	
3396844	Ricoh Company, Ltd.	16/12/2016	3396844	16878583.0	
3397207	Edwards Lifesciences Corporation	29/12/2016	3397207	16882650.1	
3403414	Samsung Electronics Co., Ltd.	28/02/2017	3403414	17763498.7	
3406383	Promotech Sp. Z.o.o.	26/05/2017	3406383	17460029.6	
3408617	SMARTDRIVE SYSTEMS, INC.	25/01/2017	3408617	17743811.6	
3411755	Sportlogiq Inc.	02/02/2017	3411755	17746676.0	
3413115	General Electric Company	31/05/2018	3413115	18175323.7	
3414370	Ecole Polytechnique Fédérale de Lausanne (EPFL)	10/02/2017	3414370	17710395.9	
3414701	ORANGE	07/02/2017	3414701	17707639.5	French
3415260	GE Vernova Technology GmbH	06/02/2018	3415260	18155247.2	
3416820	DIEFFENBACHER GMBH MASCHINEN- UND ANLAGENBAU	16/02/2017	3416820	17705422.8	German
3417436	Honeywell International Inc.	14/02/2017	3417436	17708615.4	

3417818	ASRO Medical University of Tsukuba	23/06/2016	3417818	16890597.4	
3419470	Dexel S.A.	24/02/2017	3419470	17712030.0	French
3424034	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	23/05/2017	3424034	17724394.6	
3424453	Boston Scientific Scimed, Inc.	02/02/2015	3424453	18179364.7	
3425039	No Self S.r.l.	10/07/2013	3425039	18184242.8	
3446439	Hirschmann Automation and Control GmbH	21/04/2017	3446439	17719232.5	German
3452049	Ionis Pharmaceuticals, Inc. Astrazeneca AB	04/05/2017	3452049	17793322.3	
3452822	JP Laboratories	01/05/2017	3452822	17793071.6	
3452867	Valeo Comfort and Driving Assistance	28/04/2017	3452867	17719294.5	French
3454921	C. R. Bard, Inc.	12/05/2017	3454921	17797007.6	
3454932	Becton, Dickinson and Company	08/05/2017	3454932	17724235.1	
3455234	Selvita d.o.o.	08/05/2017	3455234	17724517.2	
3456031	ORANGE	04/05/2017	3456031	17726665.7	French
3457531	IFP Energies nouvelles	05/09/2018	3457531	18192618.9	French
3459013	Kerquest	17/05/2017	3459013	17730852.5	French
3467413	Qingdao Haier Joint Stock Co., Ltd	29/12/2016	3467413	16903882.5	
3468715	ExxonMobil Chemical Patents Inc.	13/04/2017	3468715	17718325.8	
3471143	InnoCare Optoelectronics Corporation	26/09/2018	3471143	18196955.1	
3472640	Texas Instruments Incorporated	16/06/2017	3472640	17814187.5	
3481226	Cargill, Incorporated	07/07/2017	3481226	17738030.0	
3481444	Ecole Polytechnique Fédérale de Lausanne (EPFL)	07/07/2017	3481444	17757563.6	
3481958	The Trustees of The University of Pennsylvania	07/07/2017	3481958	17824989.2	
3482252	Laclaree	05/07/2017	3482252	17734359.7	
3482998	Hyster-Yale Materials Handling, Inc.	31/10/2018	3482998	18203649.1	
3486274	Mitsubishi Gas Chemical Company, Inc.	13/07/2017	3486274	17827690.3	
3486693	Dai Nippon Printing Co., Ltd. Dexerials Corporation	10/07/2017	3486693	17827591.3	
3487224	Huawei Technologies Co., Ltd.	12/08/2016	3487224	16912368.4	
3487318	PepsiCo, Inc.	18/07/2017	3487318	17831689.9	
3487319	BASF SE	17/07/2017	3487319	17740014.0	German
3487867	Amgen Inc.	21/07/2017	3487867	17754514.2	
3488308	Autodesk, Inc.	20/07/2017	3488308	17748602.4	
3494862	Ambu A/S	08/12/2017	3494862	17206235.8	
3495381	AMSilk GmbH	07/12/2010	3495381	18196266.3	
3496763	Genentech, Inc.	09/08/2017	3496763	17754580.3	
3496807	The Board of Trustees of the Leland Stanford Junior University Forschungszentrum Jülich GmbH	20/07/2017	3496807	17839995.2	
3497223	KWS SAAT SE & Co. KGaA	10/08/2017	3497223	17754668.6	German
3500181	Boston Scientific Scimed, Inc. Mayo Foundation for Medical Education and Research	16/08/2017	3500181	17758356.4	
3500799	BSH Hausgeräte GmbH	01/08/2017	3500799	17746126.6	German
3502047	Commissariat à l'Energie Atomique et aux Energies Alternatives	20/12/2018	3502047	18214896.5	French
3504586	Oxford University Innovation Limited	16/08/2017	3504586	17757830.9	
3504737	Sandisk Technologies, Inc.	30/05/2017	3504737	17729980.7	
3506377	Commissariat à l'Energie Atomique et aux Energies Alternatives	24/12/2018	3506377	18215849.3	French
3506984	Ampersand Holdings Limited	01/09/2017	3506984	17783951.1	
3507640	Lumileds LLC	23/08/2017	3507640	17754179.4	
3508715	RTX Corporation	03/01/2019	3508715	19150260.8	
3508820	Deere & Company	17/12/2018	3508820	18213133.4	
3509191	Hamilton Sundstrand Corporation	28/12/2018	3509191	18248255.4	
3510868	Ibiden Co., Ltd.	07/09/2017	3510868	17848856.5	
3515468	Omideon Ltd.	20/09/2017	3515468	17777325.6	

3515945	Regeneron Pharmaceuticals, Inc.	22/09/2017	3515945	17784088.1	
3518383	Nokia Technologies Oy	24/09/2015	3518383	19157625.5	
3518733	Chronos Vision GmbH	24/09/2017	3518733	17791549.3	German
3519909	Intel Corporation	30/08/2017	3519909	17857139.4	
3519991	Salesforce, Inc.	28/09/2017	3519991	17783676.4	
3520372	Sunsight Holdings, LLC	31/10/2017	3520372	17801176.3	
3522624	QUALCOMM Incorporated	03/06/2016	3522624	19164009.3	
3523705	Snap-on Incorporated	08/09/2017	3523705	17777687.9	
3524155	Samsung Electronics Co., Ltd.	06/11/2014	3524155	19164973.0	
3524581	Samsung Display Co., Ltd.	11/02/2019	3524581	19156532.4	
3527447	TOYOTA JIDOSHA KABUSHIKI KAISHA	13/02/2019	3527447	19157010.0	
3528302	Samsung Display Co., Ltd.	28/12/2018	3528302	18248288.5	
3532993	StrataVision AI, Inc.	24/10/2017	3532993	17863700.5	
3533496	3M Innovative Properties Company	20/01/2014	3533496	19168201.2	
3533509	EBARA CORPORATION	25/02/2019	3533509	19159187.4	
3534435	CMBlu Energy AG	28/02/2018	3534435	18159041.5	German
3535204	GS LicenseCo LLC	31/10/2017	3535204	17866722.6	
3538225	Colgate-Palmolive Company	07/12/2017	3538225	17829066.4	
3541825	Idenix Pharmaceuticals LLC	15/11/2017	3541825	17797655.2	
3543185	Ricoh Company, Ltd.	19/12/2018	3543185	18214139.0	
3543762	University of Washington	11/05/2007	3543762	19174206.3	
3544334	NEC Corporation	18/06/2015	3544334	19173771.7	
3546581	Cj Cheiljedang Corporation	18/12/2018	3546581	18865377.8	
3547831	University of Massachusetts The Jackson Laboratory	30/11/2017	3547831	17825653.3	
3552114	Microsoft Technology Licensing, LLC	08/02/2018	3552114	18751475.7	
3552124	Fresenius Vial SAS	17/11/2017	3552124	17807770.7	
3553913	Wobben Properties GmbH	09/04/2018	3553913	18166355.0	
3554311	AA R&D LLC	18/12/2017	3554311	17882539.4	
3554829	Treofan Germany GmbH & Co.KG	13/12/2017	3554829	17821468.0	German
3555876	Thrugreen, LLC	19/12/2017	3555876	17883618.5	
3556939	Korea Aerospace Research Institute	05/12/2017	3556939	17881158.4	
3557531	Vision RT Limited	16/04/2019	3557531	19169458.7	
3558275	LTS Lohmann Therapie-Systeme AG	19/12/2017	3558275	17823099.1	
3560075	Siemens Gamesa Renewable Energy A/S	23/01/2018	3560075	18704429.2	
3561898	SK On Co., Ltd.	20/12/2017	3561898	17885243.0	
3562408	Ethicon LLC	29/11/2017	3562408	17817514.7	
3565655	Veolia Water Solutions & Technologies Support	08/01/2018	3565655	18701643.1	
3571119	Graco Minnesota Inc.	17/01/2018	3571119	18742288.6	
3571470	Alarm.com Incorporated	17/01/2018	3571470	18741695.3	
3576556	Philip Morris Products S.A.	30/01/2018	3576556	18703271.9	
3576899	Nuburu, Inc.	31/01/2018	3576899	18748109.8	
3576959	De La Rue International Limited	31/01/2018	3576959	18703833.6	
3577432	Rosemount Inc.	24/01/2018	3577432	18747985.2	
3579789	Boston Scientific Scimed, Inc.	09/02/2018	3579789	18750618.3	
3581899	Nanophoton Corporation	01/02/2018	3581899	18750965.8	
3583466	Lufthansa Technik AG	20/02/2018	3583466	18708347.2	German
3585362	BALCHEM ITALIA S.r.l.	26/02/2018	3585362	18712651.1	
3585697	Zavaro, Avraham	21/02/2018	3585697	18757384.5	
3585699	Polytex Fibers LLC	21/02/2018	3585699	18757991.7	
3585833	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	14/02/2018	3585833	18705885.4	German
3585851	3M Innovative Properties Company	21/02/2018	3585851	18758506.2	
3585977	Evolution Engineering Inc.	22/02/2018	3585977	18757456.1	
3586085	ArianeGroup SAS	19/02/2018	3586085	18709663.1	French
3586172	VisuRay Technology LTD	22/02/2018	3586172	18708868.7	
3586355	Qromis, Inc.	08/02/2018	3586355	18758343.0	
3591187	Volkswagen AG	01/07/2019	3591187	19183567.7	German

3591325	GROUPE ATLANTIC IZMIR RADYATÖR SİSTEMLERİSÂNAYİVE TİCARET ANONİM SİRKETİ	01/07/2019	3591325	19183699.8	French
3592402	Amgen Inc.	20/02/2018	3592402	18708303.5	
3592413	ProMedica Health System, Inc.	28/02/2018	3592413	18763758.2	
3595137	Levitronix GmbH	06/06/2019	3595137	19178695.3	German
3595409	ELECTROLUX APPLIANCES AKTIEBOLAG	09/07/2018	3595409	18182342.8	
3598422	J.Morita Corporation	13/03/2018	3598422	18768075.6	
3598912	Rossignol Lange S.R.L.	23/07/2018	3598912	18425056.1	French
3599613	Samsung Electronics Co., Ltd.	24/07/2019	3599613	19188034.3	
3603779	Toray Industries, Inc.	30/03/2018	3603779	18774744.9	
3604786	Yanmar Power Technology Co., Ltd.	29/11/2017	3604786	17903770.0	
3605076	Shimadzu Corporation	21/06/2019	3605076	19181838.4	
3605395	Panasonic Intellectual Property Corporation of America	30/07/2019	3605395	19189120.9	
3605634	NIPPON STEEL Chemical & Material Co., Ltd.	20/02/2018	3605634	18772062.8	
3610508	Sony Semiconductor Solutions Corporation	09/02/2018	3610508	18707158.4	
3612086	The Government of the United States as Represented by the Secretary of the Air Force The Regents of the University of California	20/04/2018	3612086	18788177.6	
3612387	The Coca-Cola Company	19/04/2018	3612387	18787083.7	
3613106	HARTING Electric Stiftung & Co. KG	11/04/2018	3613106	18721268.3	German
3613834	The Procter & Gamble Company	24/08/2018	3613834	18190606.6	
3614514	Valeo Electrification	06/10/2014	3614514	19198747.8	French
3615512	Sabici Agri-Nutrients Company	16/04/2018	3615512	18724321.7	
3615682	Bioscience Services S.r.l.	13/07/2017	3615682	17780202.2	
3617673	Samsung Electronics Co., Ltd.	28/08/2019	3617673	19194050.1	
3620417	Otis Elevator Company	17/04/2019	3620417	19169957.8	
3622469	Pergola, Alberto	10/10/2017	3622469	17797987.9	
3623833	VOLKSWAGEN AKTIENGESELLSCHAFT	11/09/2018	3623833	18193753.3	
3625609	Leica Biosystems Imaging, Inc.	30/11/2018	3625609	18884440.1	
3629282	TOTALMASTERS CORPORATION	09/02/2018	3629282	18904966.1	
3631151	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	22/05/2018	3631151	18727405.5	
3633720	Aros Electronics AB	05/10/2018	3633720	18198854.4	
3634698	The Gillette Company LLC	06/06/2018	3634698	18735039.2	
3634870	Cotajety LLC	16/05/2018	3634870	18802052.3	
3635712	BOE Technology Group Co., Ltd.	11/12/2017	3635712	17879660.3	
3637512	Sekisui Chemical Co., Ltd.	31/05/2018	3637512	18812935.7	
3638104	Bevan, Heba	14/06/2018	3638104	18735383.4	
3639245	Vuzix Corporation	17/07/2018	3639245	18835796.6	
3640012	Airbus Operations, S.L.	19/10/2018	3640012	18382747.6	
3641441	Panasonic Intellectual Property Corporation of America	17/04/2018	3641441	18816885.0	
3641562	Sensient Technologies Europe GmbH	20/06/2018	3641562	18733234.1	German
3642603	ProbiusDx The Board of Trustees of the Leland Stanford Junior University	22/06/2018	3642603	18820747.6	
3642609	Vallourec Tubes France	19/06/2018	3642609	18737683.5	French
3642713	Cummings, Mark	15/06/2018	3642713	18820728.6	
3643275	Aboff, Clifford S.	02/10/2019	3643275	19200988.4	
3643732	Samyang Corporation	22/06/2018	3643732	18820658.5	
3646666	RAI Strategic Holdings, Inc.	28/06/2018	3646666	18749519.7	
3647474	Jiangsu Hengli Chemical Fibre Co., Ltd.	27/07/2018	3647474	18889295.4	
3648360	Samsung Electronics Co., Ltd.	05/09/2018	3648360	18854425.8	
3650861	BOE Technology Group Co., Ltd. Beijing BOE Optoelectronics Technology Co., Ltd.	07/02/2018	3650861	18766112.9	

3650913	Hamamatsu Photonics K.K.	06/07/2018	3650913	18828315.4	
3653821	Rennerich GmbH	13/11/2019	3653821	19208759.1	German
3654295	Francotyp-Postalia GmbH	07/11/2019	3654295	19207697.4	German
3654607	ZTE Corporation	29/06/2018	3654607	18831664.0	
3655162	Molecular Devices, LLC	09/07/2018	3655162	18836035.8	
3656911	Herbert Kannegiesser GmbH	15/11/2019	3656911	19209419.1	German
3657203	Hexagon Innovation Hub GmbH	22/11/2018	3657203	18207757.8	German
3658014	Apple Inc.	10/09/2018	3658014	18779166.0	
3659559	IUCF-HYU (Industry-University Cooperation Foundation Hanyang University)	18/06/2018	3659559	18837430.0	
3659662	Becton, Dickinson and Company	11/02/2015	3659662	19218266.5	
3659697	Toray Industries, Inc.	20/07/2018	3659697	18838869.8	
3661257	Sharp Kabushiki Kaisha	19/07/2018	3661257	18837802.0	
3663216	Tokan Kogyo Co., Ltd.	10/07/2018	3663216	18842381.8	
3663402	Takii & Company Limited	31/07/2018	3663402	18840171.5	
3663813	Valeo Comfort and Driving Assistance	03/12/2018	3663813	18209753.5	French
3664661	Colgate-Palmolive Company	11/09/2018	3664661	18779511.7	
3664808	The Regents of The University of Michigan	08/08/2018	3664808	18756141.0	
3665452	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência	10/08/2018	3665452	18762155.2	
3665704	3D4Medical Limited	30/07/2018	3665704	18753331.0	
3665983	Telefonaktiebolaget LM Ericsson (publ)	17/07/2018	3665983	18746778.2	
3666744	Nichiha Corporation	12/09/2018	3666744	18862336.7	
3668368	The General Hospital Corporation	20/08/2018	3668368	18846266.7	
3669148	Anglian Water Business (National) Limited	08/08/2018	3669148	18758686.2	
3670589	Envalior Deutschland GmbH	16/12/2019	3670589	19216380.6	German
3671329	Toppa Printing Co., Ltd.	15/08/2018	3671329	18846080.2	
3672258	Advanced Digital Broadcast S.A.	23/12/2018	3672258	18215817.0	
3673353	Samsung Electronics Co., Ltd.	01/11/2018	3673353	18874054.2	
3674661	No.9 commercial (Beijing) Technology Co., Ltd.	04/06/2019	3674661	19178274.7	
3676063	Bobst Firenze S.r.l.	29/08/2018	3676063	18780257.4	
3677465	BYD Company Limited	31/08/2018	3677465	18850012.8	
3678682	Airway Therapeutics, Inc. GlycoTope GmbH	04/09/2018	3678682	18854060.3	
3679432	TRUMPF Werkzeugmaschinen SE + Co. KG	03/08/2018	3679432	18752131.5	German
3681231	NTT DOCOMO, INC.	07/09/2017	3681231	17924507.1	
3681281	AdvanSix Resins & Chemicals LLC	13/09/2018	3681281	18779929.1	
3681639	Scienion GmbH	07/09/2018	3681639	18762539.7	
3681993	BioNTech SE TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg- Universität Mainz gemeinnützige GmbH	11/09/2018	3681993	18769157.1	
3682881	Daiichi Sankyo Company, Limited	13/09/2018	3682881	18855489.3	
3683432	Mitsubishi Jidosha Kogyo Kabushiki Kaisha	26/02/2018	3683432	18856733.3	
3685070	Valeo Embrayages	17/09/2018	3685070	18768903.9	French
3686444	NISSAN MOTOR CO., LTD. Renault s.a.s	20/09/2017	3686444	17926139.1	
3686631	Ricoh Company, Ltd.	10/01/2020	3686631	20151291.0	
3686788	IDEMIA Public Security France	20/01/2020	3686788	20152650.6	French
3687755	3M Innovative Properties Company	17/09/2018	3687755	18782203.6	
3688153	Abbott GmbH Abbott Laboratories GmbH	27/09/2018	3688153	18788953.0	
3688552	Microsoft Technology Licensing, LLC	25/06/2018	3688552	18746052.2	
3688817	International Business Machines Corporation	20/09/2018	3688817	18861563.7	
3688899	Hughes Network Systems, LLC	21/09/2018	3688899	18793068.0	

3689018	Lenovo (Beijing) Limited	28/09/2017	3689018	17926481.7	
3690708	StradVision, Inc.	13/01/2020	3690708	20151454.4	
3692364	Waters Technologies Corporation	24/09/2018	3692364	18786526.6	
3692733	QUALCOMM Incorporated	29/09/2018	3692733	18793525.9	
3693547	RTX Corporation	04/02/2020	3693547	20155478.9	
3693975	Tata Consultancy Services Limited	06/02/2020	3693975	20155800.4	
3694017	LG Energy Solution, Ltd.	02/12/2019	3694017	19877536.3	
3694886	iCell Gene Therapeutics, LLC	12/10/2018	3694886	18865819.9	
3695068	SAINT-GOBAIN ISOVER SAINT-GOBAIN PLACO	12/10/2018	3695068	18785617.4	French
3695325	BOE Technology Group Co., Ltd.	15/06/2018	3695325	18803850.9	
3695405	Everspin Technologies, Inc.	11/10/2018	3695405	18797282.3	
3695470	Robert Bosch GmbH	20/08/2018	3695470	18759596.2	German
3696148	Shin-Etsu Chemical Co., Ltd.	12/02/2020	3696148	20156839.1	
3697867	University of Leeds	18/10/2018	3697867	18795761.8	
3698733	Innolcon Medical Technology (Suzhou) Co., Ltd.	02/07/2018	3698733	18869198.4	
3699353	P2i Ltd	19/02/2020	3699353	20158175.8	
3699558	VEGA Grieshaber KG	19/02/2019	3699558	19157998.6	German
3701084	Ecolab USA Inc.	24/10/2018	3701084	18800001.2	
3702981	Siemens Aktiengesellschaft	26/02/2019	3702981	19159301.1	German
3703983	HELLA GMBH & CO. KGAA	03/11/2017	3703983	17797121.5	
3704368	Siemens Energy Global GmbH & Co. KG	23/10/2018	3704368	18800494.9	
3704869	Sennheiser electronic SE & Co. KG	27/07/2018	3704869	18748888.7	German
3706395	LG Electronics Inc.	19/02/2018	3706395	18873356.2	
3707605	Samsung Electronics Co., Ltd.	19/02/2019	3707605	19772390.1	
3709440	Zanini Auto Grup, S.A.	13/03/2020	3709440	20162890.6	
3710268	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	06/02/2019	3710268	19706194.8	
3710786	Google LLC	10/01/2019	3710786	19707900.7	
3712901	Rigaku Corporation	10/02/2020	3712901	20156330.1	
3713986	ReBio Technologies Oy ReBio Technologies Limited	20/11/2018	3713986	18811610.7	
3716624	Tencent Technology (Shenzhen) Company Limited	25/06/2018	3716624	18880220.1	
3717053	Care Fusion 2200, Inc.	03/12/2018	3717053	18884767.7	
3717255	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	06/02/2019	3717255	19706174.0	
3718629	China Petroleum & Chemical Corporation Dalian Research Institute Of Petroleum And Petrochemicals, Sinopec Corp.	29/11/2017	3718629	17933464.4	
3718683	NIO (Anhui) Holding Co., Ltd.	06/02/2018	3718683	18883802.3	
3718904	Hamilton Sundstrand Corporation	28/11/2019	3718904	19212097.0	
3719122	Momenta Pharmaceuticals, Inc.	01/05/2014	3719122	20158041.2	
3719863	LG Energy Solution, Ltd.	20/11/2019	3719863	19889498.2	
3721189	General Electric Company	20/09/2018	3721189	18877050.7	
3721453	EKC Technology, Inc.	05/12/2018	3721453	18886188.4	
3722556	RTX Corporation	07/02/2020	3722556	20156236.0	
3722976	Aptiv Technologies AG	11/04/2019	3722976	19168632.8	
3723294	ZTE CORPORATION	09/10/2018	3723294	18886202.3	
3723606	Medtronic MiniMed, Inc.	15/10/2018	3723606	18796808.6	
3724055	HGMOTIVE INC.	11/12/2018	3724055	18888411.8	
3724069	GermaniumTech GmbH	13/12/2018	3724069	18842631.6	German
3724073	GermaniumTech GmbH	13/12/2018	3724073	18842512.8	German
3724639	Horiba Instruments Incorporated	14/12/2018	3724639	18888575.0	
3725393	Kubota Corporation	03/12/2018	3725393	18887608.0	
3725779	Shenzhen TargetRx Co., Ltd.	17/01/2019	3725779	19744170.2	
3725878	Wilmar (shanghai) Biotechnology Research & Development Center Co., Ltd.	10/12/2018	3725878	18889610.4	
3725984	GEZE GmbH	26/02/2020	3725984	20159638.4	German
3726020	TVS Motor Company Limited	19/02/2020	3726020	20158256.6	
3728966	Praxair Technology, Inc.	19/12/2018	3728966	18834156.4	

3729459	Glytec, LLC	17/12/2018	3729459	18890897.4	
3729882	QUALCOMM Incorporated	17/12/2018	3729882	18830664.1	
3729916	HUAWEI TECHNOLOGIES CO., LTD.	16/03/2018	3729916	18715507.2	
3732564	AVEVA Software, LLC	27/12/2018	3732564	18897249.1	
3735339	GOOGLE LLC	03/01/2019	3735339	19704061.1	
3735407	INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE - INSERM UNIVERSITÉ CÔTE D'AZUR Centre National de la Recherche Scientifique Centre Hospitalier Universitaire de Nice	04/01/2019	3735407	19700065.6	
3736515	Carrier Corporation	05/05/2020	3736515	20173036.3	
3736679	Ricoh Company, Ltd.	02/02/2016	3736679	20177033.6	
3738278	Nokia Solutions and Networks Oy	01/02/2019	3738278	19747854.8	
3740126	Neurable Inc.	18/01/2019	3740126	19741853.6	
3741321	Globus Medical, Inc.	14/04/2020	3741321	20169481.7	
3742074	LG Electronics Inc.	18/01/2019	3742074	19741005.3	
3742370	Aksor	24/05/2019	3742370	19305661.1	
3742764	Huawei Cloud Computing Technologies Co., Ltd.	28/01/2019	3742764	19751146.2	
3743120	Fluidx Medical Technology, Inc.	25/01/2019	3743120	19743539.9	
3743163	Coty, Inc.	25/07/2018	3743163	18752958.1	
3743849	Dermalog Jenetric GmbH	24/01/2019	3743849	19703939.9	German
3746012	Vyas, Dinesh	01/02/2019	3746012	19747363.0	
3746081	Intra-Cellular Therapies, Inc.	31/01/2019	3746081	19747990.0	
3746955	Vehicle Service Group, LLC	04/02/2019	3746955	19707931.2	
3747291	Comlogo GmbH	05/06/2020	3747291	20178464.2	German
3747962	Shin-Etsu Chemical Co., Ltd.	04/06/2020	3747962	20178218.2	
3748296	Siemens Schweiz AG	07/06/2019	3748296	19178964.3	
3748774	Samsung Electronics Co., Ltd.	14/02/2019	3748774	19754999.1	
3749513	Sprick GmbH Bielefelder Papier- und Wellpappenwerke & Co.	04/02/2019	3749513	19703669.2	German
3750187	MICRON TECHNOLOGY, INC.	29/01/2019	3750187	19751568.7	
3750313	Tencent America LLC	27/02/2019	3750313	19748225.0	
3750890	Shijiazhuang Yiling Pharmaceutical Co., Ltd.	21/01/2019	3750890	19751009.2	
3752011	TPRX Tech, LLC	12/02/2019	3752011	19751397.1	
3752348	EconCore N.V.	18/02/2019	3752348	19708241.5	
3752469	SCHOTT Pharma Schweiz AG	05/02/2019	3752469	19704274.0	German
3752545	SWIMC LLC	12/02/2019	3752545	19707576.5	
3752815	The Regents of the University of California	19/02/2019	3752815	19753770.7	
3752939	Fingerprint Cards Anacatum IP AB	11/02/2019	3752939	19754900.9	
3753147	QUALCOMM Incorporated	14/02/2019	3753147	19708218.3	
3753336	Lenovo (Singapore) Pte. Ltd.	14/02/2019	3753336	19721692.2	
3755401	SHL Medical AG	01/02/2019	3755401	19702449.0	
3755633	MAKRO LABELLING S.r.l.	15/02/2019	3755633	19710791.5	
3755763	Samsung Electronics Co., Ltd	19/02/2019	3755763	19705525.4	
3756171	Bayerische Motoren Werke Aktiengesellschaft	11/02/2019	3756171	19705475.2	German
3756203	KYOCERA AVX Components Corporation	14/02/2019	3756203	19758025.1	
3756369	Lenovo (Singapore) Pte. Ltd.	19/02/2018	3756369	18706706.1	
3756378	InterDigital Patent Holdings, Inc.	22/02/2019	3756378	19711458.0	
3757231	Sato Pharmaceutical Co., Ltd. Teikyo University	15/02/2019	3757231	19756930.4	
3757914	Beijing OCGen Technology Co., Ltd.	13/09/2018	3757914	18907283.8	
3758099	Aptiv Technologies AG	23/06/2020	3758099	20181662.6	
3758782	NEW MEDTEK DEVICES PTY LTD	27/02/2019	3758782	19761179.1	
3758820	Sony Interactive Entertainment LLC	05/02/2019	3758820	19760890.4	
3759290	Kawneer Company, Inc.	26/02/2019	3759290	19760252.7	
3761678	INTEL Corporation	25/08/2016	3761678	20193099.7	

3762073	Owen Mumford Limited	06/02/2019	3762073	19710066.2	
3762967	IMASENIC ADVANCED IMAGING, S.L.	25/05/2018	3762967	18726811.5	
3764387	Photo Electron Soul Inc.	07/08/2019	3764387	19874594.5	
3765915	Hewlett-Packard Development Company, L.P.	08/05/2019	3765915	19882518.4	
3766251	Tencent America LLC	21/02/2020	3766251	20759177.7	
3766833	LG Energy Solution, Ltd.	27/09/2019	3766833	19868071.2	
3766844	Heraeus Quarzglas GmbH & Co. KG	17/07/2019	3766844	19186745.6	German
3768675	Yuhan Corporation	20/03/2019	3768675	19772403.2	
3768980	Enersize Oy	19/03/2019	3768980	19714334.0	
3769526	TENCENT AMERICA LLC	12/02/2020	3769526	20756363.6	
3770489	Siteco GmbH	24/07/2020	3770489	20187616.6	German
3772471	Stanley Black & Decker, Inc.	03/08/2020	3772471	20189110.8	
3773453	THE PROCTER & GAMBLE COMPANY	29/03/2018	3773453	18912570.1	
3774475	Tahoe Research, Ltd.	28/02/2019	3774475	19777715.4	
3775452	Renault s.a.s	09/04/2019	3775452	19716892.5	French
3777437	Nokia Technologies Oy	12/03/2019	3777437	19714704.4	
3778127	Koki Holdings Co., Ltd.	22/02/2019	3778127	19778250.1	
3779659	Diebold Nixdorf Systems GmbH	14/08/2019	3779659	19191741.8	
3779895	Apple Inc.	21/12/2012	3779895	20198932.4	
3780143	LG Energy Solution, Ltd.	14/11/2019	3780143	19886927.3	
3780394	ams International AG	14/08/2019	3780394	19191721.0	
3782286	HUF Hülbeck & Fürst GmbH & Co. KG	03/06/2020	3782286	20730417.1	German
3783180	profine GmbH	22/08/2019	3783180	19193124.5	German
3783646	Allegro MicroSystems, LLC	30/07/2020	3783646	20188658.7	
3783850	Arcadyan Technology Corporation	07/08/2020	3783850	20190066.9	
3785437	HFI Innovation Inc.	23/04/2019	3785437	19793693.3	
3785749	Amgen Inc.	06/05/2015	3785749	20200261.4	
3787720	Bigfoot Biomedical, Inc.	02/05/2019	3787720	19795783.0	
3790003	Samsung Electronics Co., Ltd.	03/09/2020	3790003	20194357.8	
3790515	Otto Bock Healthcare Products GmbH	08/05/2019	3790515	19723086.5	German
3792360	Academy of Military Medical Science, PLA	27/08/2018	3792360	18918057.3	
3793427	The Procter & Gamble Company	15/05/2019	3793427	19727801.3	
3793454	Smith & Nephew Inc.	20/05/2019	3793454	19732786.9	
	Smith & Nephew Asia Pacific Pte. Limited				
	Smith & Nephew Orthopaedics AG				
3797362	SingleStore, Inc.	22/05/2019	3797362	19730613.7	
3797378	Tyco Fire & Security GmbH	20/05/2019	3797378	19728831.9	
3797473	Technion Research and Development Foundation Ltd.	21/05/2019	3797473	19807121.9	
3798890	AO Kaspersky Lab	09/06/2020	3798890	20179076.3	
3799758	ASICS Corporation	24/01/2019	3799758	19911469.5	
3800682	Samsung Display Co., Ltd.	17/07/2020	3800682	20186574.8	
3801487	The Institute for Ethnomedicine	07/06/2019	3801487	19815799.2	
3801539	Sanovel Ilac Sanayi ve Ticaret A.S.	30/05/2019	3801539	19831307.4	
3801681	Amgen Inc.	06/05/2019	3801681	19725471.7	
3802264	Tetra Tech, Inc.	01/11/2018	3802264	18920660.0	
3802437	SAS Windwest	22/05/2019	3802437	19729450.7	French
3802464	Agripower Australia Limited	24/05/2019	3802464	19806657.3	
3804495	Carl Geringhoff GmbH & Co. KG	06/10/2020	3804495	20200328.1	German
3804733	Kyoto Prefectural Public University Corporation	16/05/2019	3804733	19815925.3	
	Sumitomo Seika Chemicals Co., Ltd.				
3806207	LG Energy Solution, Ltd.	18/09/2019	3806207	19863940.3	
3806668	AIR IP Holdings Limited	15/06/2018	3806668	18745812.0	German
3807178	Autostore Technology AS	11/06/2019	3807178	19730155.9	
3807490	Abu Dhabi National Oil Company	12/06/2018	3807490	18922842.2	
3807655	Cognitive Systems Corp.	14/06/2019	3807655	19823575.6	
3808196	Japan Tobacco Inc.	28/04/2016	3808196	20193935.2	
3808283	B. J. Zh. F. Panther Medical Equipment Co., Ltd.	11/10/2019	3808283	19881131.7	

3808750	Tokuyama Corporation JEOL Ltd.	11/06/2019	3808750	19819323.7	
3808992	SMC Corporation	07/06/2019	3808992	19819695.8	
3809691	Dream CHIP Technologies GmbH	30/05/2017	3809691	20203728.9	German
3809838	Sage Bionetworks The Jackson Laboratory Indiana University Research & Technology Corporation	21/06/2019	3809838	19821744.0	
3810533	Windmüller & Hölscher KG	18/06/2019	3810533	19731969.2	German
3811988	Nikkiso Company Limited	21/06/2019	3811988	19822788.6	
3812251	Beijing Jingdong Qianshi Technology Co., Ltd.	15/02/2019	3812251	19822038.6	
3813580	Nicoventures Trading Limited	27/06/2019	3813580	19736454.0	
3813744	Carl Zeiss Meditec Cataract Technology Inc.	04/06/2019	3813744	19815328.0	
3814817	Opticis Co., Ltd.	21/06/2019	3814817	19825982.2	
3815016	Advanced New Technologies Co., Ltd.	18/12/2019	3815016	19839724.2	
3817579	KT&G Corporation	08/05/2020	3817579	20771178.9	
3818340	Inrix, Inc.	22/08/2019	3818340	19830627.6	
3818468	CellaVision AB	13/06/2019	3818468	19734283.5	
3818597	Samtec, Inc.	03/07/2019	3818597	19830502.1	
3819294	ST Pharm Co., Ltd.	23/08/2019	3819294	19851560.3	
3820668	Sulzer Management AG	26/08/2019	3820668	19756208.5	
3820850	ABIVAX Centre National de la Recherche Scientifique UNIVERSITE DE MONTPELLIER Institut Curie	09/07/2019	3820850	19742313.0	
3821928	ResMed Pty Ltd	03/11/2010	3821928	20196235.4	
3823126	Smart Wires Inc.	05/11/2020	3823126	20206028.1	
3824296	Lipocine Inc.	19/07/2019	3824296	19837405.0	
3824640	Roku, Inc.	07/06/2019	3824640	19837119.7	
3825648	Astemo, Ltd.	04/07/2019	3825648	19837560.2	
3827048	Covestro Deutschland AG	22/07/2019	3827048	19740404.9	German
3828387	Mitsubishi Heavy Industries, Ltd.	29/06/2012	3828387	20215869.7	
3828797	Bayerische Motoren Werke Aktiengesellschaft	27/11/2019	3828797	19211786.9	
3829059	Infineon Technologies AG	29/11/2019	3829059	19212569.8	
3829965	Robert Bosch GmbH	11/07/2019	3829965	19744640.4	German
3830230	The Procter & Gamble Company	02/07/2019	3830230	19794723.7	
3830615	3M Innovative Properties Company	30/07/2019	3830615	19845497.7	
3830851	Vishay Israel Ltd.	22/08/2019	3830851	19854375.3	
3832415	Friuldev S.r.l.	17/11/2020	3832415	20208022.2	
3832447	Alpine Electronics, Inc.	25/11/2020	3832447	20209804.2	
3834037	E Ink Corporation	09/08/2019	3834037	19848413.1	
3836011	Samsung Electronics Co., Ltd.	26/10/2020	3836011	20203797.4	
3837022	Viking Group, Inc. Minimax Viking Patent Management GmbH	15/08/2019	3837022	19759851.9	
3837513	Instrument Systems GmbH	09/08/2019	3837513	19762092.5	German
3837544	SiMPore Inc.	16/08/2019	3837544	19849778.6	
3839517	Stratec SE Instrumentation Laboratory Company	14/12/2020	3839517	20213725.3	
3839868	Chicago Mercantile Exchange Inc.	09/12/2020	3839868	20212672.8	
3839932	Samsung Display Co., Ltd.	23/09/2020	3839932	20197628.9	
3840119	Valeo Comfort and Driving Assistance	19/12/2019	3840119	19218179.0	
3840827	Cochlear Limited	23/08/2019	3840827	19852675.8	
3841422	Universität Ulm	20/08/2019	3841422	19762910.8	German
3842227	Nitto Denko Corporation	30/05/2019	3842227	19852943.0	
3843387	Vuzix Corporation	17/07/2018	3843387	21154541.3	
3843564	Philip Morris Products S.A.	21/08/2019	3843564	19778656.9	
3844649	Microsoft Technology Licensing, LLC	24/09/2019	3844649	19783804.8	

3844789	Hitachi Energy Ltd	28/08/2019	3844789	19758751.2	
3845073	MITSUBISHI GAS CHEMICAL COMPANY, INC.	29/08/2019	3845073	19854822.4	
3845235	Sookmyung Women's University Industry- Academic Cooperation Foundation	10/06/2019	3845235	19823524.4	
3845905	Shenzhen Increatec Biotech Co. Ltd	27/08/2018	3845905	18931334.9	
3847521	Hewlett-Packard Development Company, L.P.	07/12/2018	3847521	18942183.7	
3847915	KT&G Corporation	13/11/2019	3847915	19886799.6	
3848306	Daifuku Co., Ltd.	30/12/2020	3848306	20217787.9	
3848443	The Procter & Gamble Company	14/08/2018	3848443	21161098.5	
3848444	The Procter & Gamble Company	14/08/2018	3848444	21161112.4	
3849371	ZIPPSAFE AG	10/09/2019	3849371	19766237.2	
3849712	Versa Power Systems Ltd	10/09/2019	3849712	19861186.5	
3849767	Composecure LLC	11/09/2019	3849767	19774027.7	
3850248	Voith Patent GmbH	05/09/2019	3850248	19769397.1	German
3850830	Samsung Electronics Co., Ltd.	13/11/2019	3850830	19883998.7	
3850863	Nokia Technologies Oy	05/09/2019	3850863	19861055.2	
3852825	Ruebber, Alexander	11/09/2019	3852825	19782478.2	German
3853766	Cortexia SA	19/09/2019	3853766	19794248.5	French
3853893	Yangtze Memory Technologies Co., Ltd.	11/02/2019	3853893	19915371.9	
3854525	Lapmaster Wolters GmbH	11/01/2021	3854525	21150963.3	German
3856096	University of Derby	31/10/2019	3856096	19798370.3	
3857555	Tempus AI, Inc.	17/10/2019	3857555	19873536.7	
3858217	Ambu A/S	28/01/2020	3858217	20153967.3	
3858584	Rohr, Inc.	02/02/2021	3858584	21154713.8	
3858851	Spiber Inc.	30/09/2019	3858851	19867810.4	
3858937	The Yokohama Rubber Co., Ltd.	27/09/2019	3858937	19866758.6	
3859149	Ge Vernova Renovables España, S.L.	03/02/2020	3859149	20155135.5	
3859186	Goodrich Corporation	03/02/2021	3859186	21154965.4	
3859352	Joanneum Research Forschungsgesellschaft mbH	28/01/2020	3859352	20154130.7	German
3859438	Hoya Lens Thailand Ltd.	24/09/2019	3859438	19867916.9	
3859567	Snappi, Inc.	20/10/2015	3859567	20213539.8	
3861082	3M Innovative Properties Company	02/10/2018	3861082	18792721.5	
3861468	Capital One Services, LLC	01/10/2019	3861468	19868408.6	
3861639	Zodiac Pool Systems LLC	11/11/2019	3861639	19836153.7	
3861747	QUALCOMM INCORPORATED	04/10/2019	3861747	19794312.9	
3861816	QUALCOMM Incorporated	04/10/2019	3861816	19791114.2	
3861871	Japan Tobacco Inc.	13/09/2019	3861871	19868519.0	
3861897	Compagnie Méditerranéenne des Cafés	04/02/2021	3861897	21155128.8	French
3862211	Samsung Display Co., Ltd.	03/02/2021	3862211	21154908.4	
3862722	Atlantic Inertial Systems Limited	07/02/2020	3862722	20275029.5	
3863047	NISSAN MOTOR CO., LTD. Renault s.a.s	05/10/2018	3863047	18936083.7	
3863089	LG Energy Solution, Ltd.	16/01/2020	3863089	20741071.3	
3863437	RAI Strategic Holdings, Inc.	11/10/2019	3863437	19790825.4	
3863439	RAI Strategic Holdings, Inc.	11/10/2019	3863439	19790828.8	
3864666	Biolog-id	23/11/2018	3864666	18810971.4	French
3865163	Löwenstein Medical Technology S.A.	02/02/2021	3865163	21020043.2	German
3865671	RTX Corporation	12/02/2021	3865671	21156828.2	
3866507	Apple Inc.	12/02/2021	3866507	21156741.7	
3866675	Podimetrics, Inc.	15/10/2019	3866675	19874565.5	
3866738	Smith & Nephew plc	15/10/2019	3866738	19802077.8	
3867154	National Research Council of Canada	18/10/2019	3867154	19872430.4	
3867959	Everspin Technologies, Inc.	17/10/2019	3867959	19798444.6	
3868159	QUALCOMM Incorporated	18/10/2019	3868159	19812879.5	
3868170	Nokia Solutions and Networks Oy	15/10/2018	3868170	18789759.0	
3868454	Xylem Water Solutions Zelenople LLC	18/01/2011	3868454	21162570.2	
3868597	BLUE NETWORKS Co., Ltd. Noh, Soon-yong	14/08/2020	3868597	20191026.2	
3869025	Mahle International GmbH	21/02/2020	3869025	20158826.6	

3869090	ZKW Group GmbH	19/02/2020	3869090	20158250.9	German
3869486	Honeywell International Inc.	03/02/2021	3869486	21155072.8	
3869753	Telia Company AB	12/02/2021	3869753	21156727.6	
3870315	Hilti Aktiengesellschaft	23/10/2019	3870315	19795498.5	German
3870316	Hilti Aktiengesellschaft	23/10/2019	3870316	19795499.3	German
3870843	Siemens Gamesa Renewable Energy A/S	31/10/2019	3870843	19801749.3	
3871268	Atomera Incorporated	13/11/2019	3871268	19817024.3	
3871279	Oxford Photovoltaics Limited	18/10/2019	3871279	19794230.3	
3871643	New World Medical, Inc.	02/06/2017	3871643	21169876.6	
3872118	LG Chem, Ltd.	04/05/2020	3872118	20802258.2	
3872291	Küffner, Peter Lummertzheim, Oliver	26/02/2021	3872291	21159470.0	German
3872693	Aptiv Technologies AG	28/02/2020	3872693	20160077.2	
3874032	Bonumose Inc.	29/10/2019	3874032	19878605.5	
3874143	General Electric Renovables España, S.L.	01/11/2018	3874143	18804825.0	
3874605	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	28/10/2019	3874605	19797847.1	
3874778	Panasonic Intellectual Property Corporation of America	01/11/2018	3874778	18938520.6	
3875486	Joint Stock Company "Biocad"	30/10/2019	3875486	19880700.0	
3875680	Ichikawa Co., Ltd.	12/02/2021	3875680	21156903.3	
3875906	Renault s.a.s	24/02/2021	3875906	21158918.9	French
3876127	Bundesdruckerei GmbH neXenio GmbH	04/03/2021	3876127	21160824.5	German
3877912	Adagos	07/11/2019	3877912	19817401.3	French
3877955	Motive Drilling Technologies, Inc.	04/02/2020	3877955	20752426.5	
3879260	NEC Corporation	10/02/2021	3879260	21156255.8	
3879465	Beijing Baidu Netcom Science and Technology Co., Ltd.	25/11/2020	3879465	20209669.9	
3879620	LG Energy Solution, Ltd.	08/05/2020	3879620	20805087.2	
3880077	Nix, Inc.	13/11/2019	3880077	19817491.4	
3881589	Apple Inc.	31/01/2020	3881589	20841649.5	
3881835	Ewos Innovation AS	02/06/2016	3881835	21156116.2	
3881978	KABUSHIKI KAISHA TOSHIBA	27/08/2020	3881978	20193084.9	
3881991	Pregis LLC	20/09/2012	3881991	21172030.5	
3882309	Borealis GmbH	03/02/2017	3882309	21169664.6	
3882692	Samsung Electronics Co., Ltd.	08/03/2021	3882692	21161281.7	
3883818	Shanghai Yanfeng Jinqiao Automotive Trim Systems Co., Ltd. Leopold Kostal GmbH & Co. KG	15/11/2019	3883818	19887095.8	
3884710	Samsung Electronics Co., Ltd.	07/02/2020	3884710	20752473.7	
3885840	Toshiba TEC Kabushiki Kaisha	21/12/2020	3885840	20216037.0	
3886069	Aptiv Technologies AG	10/02/2021	3886069	21156287.1	
3888334	Cutts, Shaun	26/11/2019	3888334	19889537.7	
3888460	Shin-Etsu Chemical Co., Ltd.	26/03/2021	3888460	21165171.6	
3889160	Shanghai Raising Pharmaceutical Co., Ltd.	26/11/2019	3889160	19888995.8	
3890086	LG Energy Solution, Ltd.	14/04/2020	3890086	20791670.1	
3890529	Philip Morris Products S.A.	06/12/2019	3890529	19813861.2	
3890623	Paragon 28, Inc.	05/12/2019	3890623	19893125.5	
3890772	Ipsen Biopharm Limited	05/12/2019	3890772	19817408.8	
3891111	Sabco Agri-Nutrients Company	05/12/2019	3891111	19821293.8	
3891566	Siemens Aktiengesellschaft	06/02/2020	3891566	20706391.8	German
3892116	Optibiotix Limited	05/11/2014	3892116	21153623.0	
3893152	Xiaomi Inc.	26/07/2016	3893152	21169230.6	
3894214	Metsä Board Oyj	11/12/2019	3894214	19823782.8	
3894941	Vuzix Corporation	14/01/2020	3894941	20741693.4	
3894993	Deutsche Bahn AG	10/12/2019	3894993	19824241.4	German
3895044	ZERYNTH S.p.A.	13/12/2019	3895044	19838952.0	
3895078	International Business Machines Corporation	02/12/2019	3895078	19813495.9	
3895140	E.ON Digital Technology GmbH	04/10/2019	3895140	19779506.5	
3896647	FUJIFILM Corporation	31/10/2019	3896647	19895917.3	

3897236	Philip Morris Products S.A.	16/12/2019	3897236	19828255.0	
3897422	Warsaw Orthopedic, Inc.	16/10/2019	3897422	19900623.0	
3897997	Minimax Viking Patent Management GmbH	13/12/2019	3897997	19901263.4	
3898500	The Coca-Cola Company	20/12/2019	3898500	19899501.1	
3898606	Novald GmbH	16/12/2019	3898606	19817359.3	
3898698	Multitude Therapeutics Co., Ltd.	19/12/2019	3898698	19899845.2	
3898825	Pirelli Tyre S.p.A.	20/12/2019	3898825	19838967.8	
3899389	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	05/12/2019	3899389	19868211.4	French
3900300	Google LLC	13/08/2020	3900300	20761476.9	
3901079	KONE Corporation	23/04/2020	3901079	20171049.8	
3901151	iOmx Therapeutics AG	21/04/2020	3901151	20170641.3	
3901542	Carrier Corporation	01/12/2020	3901542	20211048.2	
3901736	Beijing Xiaomi Mobile Software Co., Ltd.	28/09/2020	3901736	20198716.1	
3902024	Panasonic Energy Co., Ltd.	13/11/2019	3902024	19898426.2	
3902231	Honeywell International Inc.	22/04/2021	3902231	21170018.2	
3902620	Hengst SE	10/12/2019	3902620	19818063.0	German
3903178	Google LLC	07/01/2021	3903178	21703097.2	
3903360	LG Display Co., Ltd.	21/12/2019	3903360	19905200.2	
3904596	Hankuk Paper Mfg. Co., Ltd	01/06/2020	3904596	20757511.9	
3905486	Honeywell International Inc.	13/04/2021	3905486	21168182.0	
3905575	Huawei Technologies Co., Ltd.	14/01/2020	3905575	20741573.8	
3905753	Datang Mobile Communications Equipment Co., Ltd.	18/12/2019	3905753	19906093.0	
3906788	N.V. Nutricia	02/07/2009	3906788	21179827.7	
3907842	mitsubishi heavy industries engine & turbocharger, ltd.	29/08/2019	3907842	19912401.7	
3908059	Datang Mobile Communications Equipment Co., Ltd.	03/01/2020	3908059	20735996.9	
3908208	Microvention, Inc.	12/03/2020	3908208	20772998.9	
3909363	Panasonic Intellectual Property Corporation of America	04/12/2019	3909363	19813532.9	
3910220	LG Chem, Ltd.	20/02/2020	3910220	20759841.8	
3910405	Panasonic Intellectual Property Management Co., Ltd.	13/04/2021	3910405	21167963.4	
3910426	The Swatch Group Research and Development Ltd	11/02/2021	3910426	21156454.7	French
3910717	LG Energy Solution, Ltd.	06/05/2020	3910717	20801469.6	
3910760	Hamilton Sundstrand Corporation	17/05/2021	3910760	21174180.6	
3910861	Samsung Electronics Co., Ltd.	17/02/2020	3910861	20756323.0	
3912369	Samsung Electronics Co., Ltd.	24/02/2020	3912369	20758858.3	
3912512	Trisa Holding AG	20/05/2020	3912512	20175812.5	German
3912568	Covidien LP	20/05/2021	3912568	21175125.0	
3912655	Fenwal, Inc.	20/05/2021	3912655	21175031.0	
3912968	Jilin Asymchem Laboratories Co., Ltd	11/06/2019	3912968	19933011.9	
3913061	Genzyme Corporation	02/05/2015	3913061	21159585.5	
3913069	University Phan Chau Trinh Università degli Studi di Bari "Aldo Moro"	23/09/2020	3913069	20197796.4	
3913459	Samsung Electronics Co., Ltd.	10/02/2020	3913459	20760042.0	
3914151	The Trustees of The University of Pennsylvania	21/01/2020	3914151	20744877.0	
3914867	Maersk Container Industry A/S	22/01/2020	3914867	20701594.2	
3914891	Board of Regents, The University of Texas System Baylor College of Medicine	23/01/2020	3914891	20744884.6	
3915080	Catalina Marketing Corporation	24/01/2020	3915080	20745878.7	
3916825	LG Energy Solution, Ltd.	10/07/2020	3916825	20887993.2	
3917429	Advanced Neuromodulation Systems, Inc.	29/01/2020	3917429	20748444.5	
3917437	American Sterilizer Company	04/12/2019	3917437	19828071.1	
3918710	AMS AG	21/01/2020	3918710	20701058.8	

3918726	Lenovo (Singapore) Pte. Ltd.	03/02/2020	3918726	20722639.0	
3918955	Technicka univerzita v Liberci	30/07/2020	3918955	20188616.5	
3919307	Panasonic Automotive Systems Co., Ltd.	31/01/2020	3919307	20749387.5	
3919707	B/E Aerospace, Inc.	25/05/2021	3919707	21175777.8	
3919886	Sepha Limited	01/06/2021	3919886	21177082.1	
3920330	KMW Inc.	17/01/2020	3920330	20749397.4	
3920599	VIVO MOBILE COMMUNICATION CO., LTD.	20/01/2020	3920599	20748216.7	
3920884	Arrowhead Pharmaceuticals, Inc. GlaxoSmithKline Intellectual Property (No.3) Limited	07/02/2020	3920884	20709945.8	
3921070	UOP LLC	07/02/2020	3921070	20752609.6	
3921217	Renault s.a.s	04/02/2020	3921217	20702320.1	French
3921530	Perkins Engines Company Limited	06/02/2020	3921530	20705281.2	
3921534	Liebherr-Components Deggendorf GmbH	05/02/2020	3921534	20704484.3	German
3922010	Magic Leap, Inc.	07/02/2020	3922010	20752973.6	
3922013	Barco N.V.	05/02/2019	3922013	19706401.7	
3922259	Acceleron Pharma Inc.	29/10/2015	3922259	21170026.5	
3922405	CHEN SOUND INDUSTRIAL CO., LTD.	01/06/2021	3922405	21177069.8	
3922575	Dell, Margarita	10/06/2020	3922575	20179349.4	German
3922714	PKDERM	10/06/2020	3922714	20179392.4	
3923211	Commissariat à l'Energie Atomique et aux Energies Alternatives	09/06/2020	3923211	20179033.4	
3923442	Globe (Jiangsu) Co., Ltd.	09/06/2021	3923442	21178436.8	
3923573	Sony Group Corporation	06/02/2020	3923573	20752383.8	
3923789	Viavi Solutions Inc.	06/02/2020	3923789	20709098.6	
3923859	ANACONDA MEDICAL Ltd.	31/01/2019	3923859	19913421.4	
3923874	Boston Scientific Scimed, Inc.	13/02/2020	3923874	20710715.2	
3924591	Reynaers Aluminium	11/02/2020	3924591	20705262.2	
3924593	GEOBRUGG AG	13/02/2020	3924593	20709133.1	
3924872	V-Nova International Limited	11/02/2020	3924872	20709290.9	
3924918	ecoATM, LLC	11/02/2020	3924918	20710006.6	
3925014	HUTCHINSON	14/02/2020	3925014	20713943.7	French
3925336	Sony Group Corporation	12/02/2020	3925336	20714022.9	
3925549	Arthrex Inc	27/05/2021	3925549	21176232.3	
3925552	Neuravi Limited	17/06/2021	3925552	21180025.5	
3925992	Nissin Chemical Industry Co., Ltd.	13/02/2020	3925992	20756462.6	
3926468	Gadget Software, Inc.	17/04/2015	3926468	21176911.2	
3927018	Sony Group Corporation	05/02/2020	3927018	20755554.1	
3927183	Microphyt	21/02/2020	3927183	20713704.3	French
3927392	Danby Medical Ltd	20/02/2020	3927392	20706704.2	
3927393	Micromed Co., Ltd.	19/02/2020	3927393	20759211.4	
3927414	Becton, Dickinson and Company	19/02/2020	3927414	20711714.4	
3927655	Fuelcell Energy, Inc.	06/02/2020	3927655	207106833.9	
3928067	JonDeTech Sensors AB (publ)	18/02/2020	3928067	20706196.1	
3928115	ASSA ABLOY AB	24/03/2020	3928115	20714988.1	
3928249	Tesla, Inc.	07/02/2020	3928249	20710656.8	
3928286	Dexterity, Inc.	03/12/2019	3928286	19915789.2	
3928288	Medtronic Navigation, Inc.	20/02/2020	3928288	20716595.2	
3928341	ABB SCHWEIZ AG	18/02/2020	3928341	20704333.2	
3928453	Lenovo (Singapore) Pte. Ltd.	24/02/2020	3928453	20726227.0	
3928705	Rochester Institute of Technology	24/02/2012	3928705	21188066.1	
3928961	Embraer S.A.	22/06/2021	3928961	21180936.3	
3929877	Imagination Technologies Limited	25/06/2021	3929877	21181743.2	
3930778	Solventum Intellectual Properties Company	20/02/2020	3930778	20712159.1	
3930886	Chevron Phillips Chemical Company LP	24/02/2020	3930886	20712180.7	
3930993	Ranpak Corp.	12/02/2020	3930993	20713426.3	
3931098	Pratt & Whitney Canada Corp.	09/12/2019	3931098	19918933.3	
3931133	Syntegon Technology GmbH	19/02/2020	3931133	20706683.8	German
3931559	Cytiva Sweden AB	24/02/2020	3931559	20707236.4	
3931758	Microsoft Technology Licensing, LLC	11/02/2020	3931758	20711689.8	
3932147	Schröder S.A.	21/02/2020	3932147	20705219.2	

3932692	ENEOS Materials Corporation	25/02/2020	3932692	20763075.7	
3933068	Japan Science and Technology Agency	28/02/2020	3933068	20763208.4	
3933663	BOE Technology Group Co., Ltd.	28/02/2019	3933663	19883336.0	
3933869	Schneider Electric Industries SAS	23/06/2021	3933869	21305856.3	
3934774	Microsoft Technology Licensing, LLC	24/02/2020	3934774	20711757.3	
3935191	Sabancı Üniversitesi Nanoteknoloji Arastirma Ve Uygulama Merkezi Sunum Sabancı Üniversitesi	02/01/2019	3935191	19835860.8	
3935314	Refiniti Limited	06/03/2020	3935314	20711272.3	
3935721	Hagnesia AB	03/03/2020	3935721	20766780.9	
3936592	Idemitsu Kosan Co.,Ltd.	27/02/2020	3936592	20765480.7	
3936871	F. Hoffmann-La Roche AG	10/07/2020	3936871	20185119.3	
3937047	Hitachi, Ltd.	22/08/2019	3937047	19919054.7	
3938259	Ampere SAS	04/02/2020	3938259	20702479.5	French
3938414	NISSAN MOTOR Co., Ltd. DDP Specialty Electronic Materials US, LLC	11/03/2020	3938414	20717419.4	
3938901	Microsoft Technology Licensing, LLC	04/02/2020	3938901	20709064.8	
3939242	Warner Bros. Entertainment Inc.	13/03/2020	3939242	20769914.1	
3939245	Windmüller & Hölscher KG	31/01/2020	3939245	20703199.8	German
3939487	Basmat Matting Systems, S.L	14/03/2019	3939487	19919416.8	
3939639	Syqe Medical Ltd.	30/06/2015	3939639	21196651.0	
3939925	Otis Elevator Company	15/07/2021	3939925	21185806.3	
3941349	LINET spol. s r.o.	27/11/2019	3941349	19892339.3	
3942511	Microsoft Technology Licensing, LLC	30/01/2020	3942511	20708872.5	
3942548	Tencent America LLC	06/08/2020	3942548	20856809.7	
3944442	G & W Electric Company	24/06/2021	3944442	21181390.2	
3944466	Anhui Meizhi Precision Manufacturing Co., Ltd.	08/10/2019	3944466	19943336.8	
3945300	MAHLE International GmbH	28/07/2020	3945300	20188051.5	
3945802	Ecolab USA Inc.	02/04/2020	3945802	20781830.3	
3947898	Saudi Arabian Oil Company	24/04/2020	3947898	20726599.2	
3948416	Google LLC	14/11/2019	3948416	19817069.8	
3948442	UiPath, Inc.	30/09/2020	3948442	20870662.2	
3950845	Dow Toray Co., Ltd.	18/03/2020	3950845	20784648.6	
3951072	Volvo Construction Equipment AB	05/04/2019	3951072	19923217.4	
3951073	Volvo Construction Equipment AB	05/04/2019	3951073	19923250.5	
3952798	optimed medizinische Instrumente GmbH	06/05/2020	3952798	20724480.7	German
3953591	Howmet Fastening Systems Limited	09/04/2020	3953591	20723289.3	
3954566	Motherson Innovations Company Limited	12/08/2020	3954566	20190789.6	
3955172	MediaTek Inc.	10/08/2021	3955172	21190639.1	
3955247	Gracenote Inc.	18/12/2014	3955247	21177796.6	
3955384	ViaSat Inc.	10/04/2017	3955384	21199254.0	
3956117	Siempelkamp Maschinen- und Anlagenbau GmbH	21/02/2020	3956117	20707382.6	German
3956722	Samsung Electronics Co., Ltd.	30/06/2020	3956722	20834206.3	
3956868	Samsung Electronics Co., Ltd.	03/06/2020	3956868	20819266.6	
3957355	Medtronic Inc.	15/04/2015	3957355	21201469.0	
3957403	Graco Minnesota Inc.	06/08/2021	3957403	21190220.0	
3957893	Parker Hannifin EMEA S.à.r.l.	13/08/2021	3957893	21191350.4	French
3959431	Perkins Engines Company Limited	24/04/2020	3959431	20723988.0	
3959857	QUALCOMM INCORPORATED	23/04/2020	3959857	20725364.2	
3960323	Sumitomo Heavy Industries, Ltd.	03/03/2020	3960323	20796082.4	
3961251	Velodyne Lidar USA, Inc.	07/05/2019	3961251	19926079.5	
3962785	VOLKSWAGEN AKTIENGESELLSCHAFT	23/06/2020	3962785	20734515.8	German
3962869	Ovivo Inc.	30/11/2018	3962869	18886857.4	
3963202	SAFRAN AIRCRAFT ENGINES	28/05/2020	3963202	20743739.3	French
3963208	Eaton Intelligent Power Limited	30/04/2020	3963208	20725615.7	
3963394	CARDINAL IG COMPANY	29/04/2020	3963394	20727033.1	
3963833	Cisco Technology, Inc.	29/04/2020	3963833	20728279.9	

3964540	Dankook University Cheonan Campus Industry Academic Corporation Foundation	19/04/2018	3964540	21196379.8	
3965155	Samsung Electronics Co., Ltd.	18/06/2021	3965155	21180285.5	
3966675	Valve Corporation	12/06/2020	3966675	20822349.5	
3966740	Gentex Corporation	09/07/2020	3966740	20836359.8	
3967051	Roku, Inc.	08/05/2020	3967051	20806301.6	
3967329	Gracell Bioscience (Shanghai) Co., Ltd.	06/05/2020	3967329	20801569.3	
3967821	Yotrio Group Co., Ltd.	10/09/2021	3967821	21195950.7	
3967838	Renault s.a.s	10/09/2021	3967838	21196032.3	French
3968074	HUAWEI TECHNOLOGIES CO., LTD.	17/04/2021	3968074	21815870.7	
3968096	ETA SA Manufacture Horlogère Suisse	15/09/2020	3968096	20196229.7	French
3968179	Tencent Technology (Shenzhen) Company Limited	27/04/2020	3968179	20805484.1	
3968404	Universal Display Corporation	16/09/2015	3968404	21204764.1	
3968675	INTEL Corporation	23/08/2021	3968675	21192527.6	
3969072	Solventum Intellectual Properties Company	11/05/2020	3969072	20730508.7	
3969654	Reckitt Benckiser Finish B.V. BSH Hausgeräte GmbH	06/05/2020	3969654	20728949.7	
3971182	PTC Therapeutics, Inc.	15/11/2017	3971182	21202648.8	
3971252	FUJIFILM Corporation	24/04/2020	3971252	20810036.2	
3971920	AJINOMOTO CO., INC.	06/09/2021	3971920	21195029.0	
3972129	NXP B.V.	03/09/2021	3972129	21194739.5	
3973010	Coroplast Fritz Müller GmbH & Co. KG	20/05/2020	3973010	20726143.9	German
3973090	Siltronic AG	30/04/2020	3973090	20723354.5	German
3974995	Intel Corporation	29/06/2021	3974995	21182578.1	
3976172	Medtronic, Inc.	26/05/2020	3976172	20732417.9	
3976857	eChemicles Zrt. Szegedi Tudományegyetem	25/05/2019	3976857	19744833.5	
3977110	Micromass UK Limited	29/05/2020	3977110	20730472.6	
3977137	Nanjing University	29/05/2020	3977137	20813305.8	
3978323	Valeo Autosystemy SP. Z.O.O.	05/10/2020	3978323	20200153.3	
3978756	Trane International Inc.	28/09/2021	3978756	21199612.9	
3979154	ABB Schweiz AG	05/10/2020	3979154	20200081.6	
3979469	Innomotics GmbH	30/09/2020	3979469	20199131.2	German
3980580	Hahn-Schickard-Gesellschaft für angewandte Forschung e. V.	08/06/2020	3980580	20730069.0	German
3980973	Snap Inc.	20/05/2020	3980973	20730940.2	
3981564	DIAM BOUCHAGE	09/10/2020	3981564	20201142.5	French
3982228	Honeywell International Inc.	01/10/2021	3982228	21200603.5	
3982812	Boston Scientific Scimed, Inc.	13/05/2020	3982812	20729506.4	
3982867	GENTEX CORPORATION	01/06/2020	3982867	20823111.8	
3983028	Solventum Intellectual Properties Company	29/04/2020	3983028	20728283.1	
3983034	Owen MumFord Ltd.	13/06/2020	3983034	20733916.9	
3983414	Merck Sharp & Dohme LLC	08/06/2020	3983414	20822235.6	
3983786	MSA Technology, LLC	09/06/2020	3983786	20750508.2	
3985055	Evonik Operations GmbH	11/10/2021	3985055	21201817.0	German
3985083	Samsung Electronics Co., Ltd.	15/10/2021	3985083	21203016.7	
3985174	Cape Holland Holding B.V.	09/06/2015	3985174	21212865.6	
3985276	Prospira Corporation	25/11/2019	3985276	19932294.2	
3985394	Dana-Farber Cancer Institute, Inc.	27/08/2015	3985394	21187517.4	
3985442	CANON KABUSHIKI KAISHA	28/09/2021	3985442	21199350.6	
3985585	Accenture Global Solutions Limited	07/10/2021	3985585	21201371.8	
3985837	LG Electronics Inc.	18/02/2021	3985837	21157819.0	
3985935	Webshare Software Company	20/10/2020	3985935	20202784.3	
3985955	Samsung Electronics Co., Ltd.	03/02/2017	3985955	21212958.9	
3986056	LG Electronics Inc.	07/07/2020	3986056	20836553.6	
3986421	Fidia Farmaceutici S.p.A.	22/06/2020	3986421	20735028.1	
3986579	Elan, d.o.o.	26/05/2020	3986579	20735691.6	
3986599	Vantive Health GmbH Vantive US Healthcare LLC	16/06/2020	3986599	20733565.4	
3986618	Rieke LLC	24/06/2020	3986618	20832920.1	
3988863	Daikin Industries, Ltd.	19/06/2020	3988863	20826809.4	

3989377	Schneider Electric Industries SAS	21/10/2020	3989377	20202964.1	
3989398	Panasonic Intellectual Property Management Co., Ltd.	13/05/2020	3989398	20826696.5	
3990049	Gastroklenz Inc.	26/06/2020	3990049	20742596.8	
3990711	Hertrampf, Michael	23/06/2020	3990711	20739555.9	German
3990860	Google LLC	26/06/2019	3990860	19740192.0	
3991251	Phoenix Contact GmbH & Co. KG	10/06/2020	3991251	20732547.3	German
3991301	Tencent America LLC	03/02/2021	3991301	21765523.2	
3991940	Stefan Pfaff Werkzeug- und Formenbau GmbH Co KG	03/11/2020	3991940	20205555.4	German
3992167	Lobmeier, Jörg Kurkowski, Harald	03/11/2021	3992167	21206210.3	German
3992462	WILO SE	28/10/2021	3992462	21205294.8	German
3992797	STMicroelectronics (Rousset) SAS STMicroelectronics Belgium	19/10/2021	3992797	21203436.7	French
3993042	CANON KABUSHIKI KAISHA	20/10/2021	3993042	21203805.3	
3993379	Canon Kabushiki Kaisha	19/10/2021	3993379	21203369.0	
3993495	Tencent Technology (Shenzhen) Company Limited	19/10/2020	3993495	20887585.6	
3993505	Samsung Electronics Co., Ltd.	15/06/2012	3993505	21209934.5	
3993881	Boukhili, Abdelbast	02/07/2020	3993881	20742176.9	French
3993989	LGAB LLC	02/07/2020	3993989	20757004.5	
3994430	SAFRAN	27/07/2020	3994430	20756921.1	French
3995550	FUJIFILM Electronic Materials U.S.A., Inc.	02/11/2021	3995550	21206058.6	
3995721	Horsch Maschinen GmbH	25/10/2021	3995721	21204514.0	German
3996157	Samsung Display Co., Ltd.	03/06/2020	3996157	20834686.6	
3996440	Huawei Technologies Co., Ltd.	15/08/2019	3996440	19941730.4	
3996848	ITEA S.p.A.	06/07/2020	3996848	20747111.1	
3997386	BSH Hausgeräte GmbH	07/07/2020	3997386	20735440.8	
3997437	Fatigue Technology, Inc.	10/07/2020	3997437	20840201.6	
3997893	Element Six Technologies Limited	13/07/2020	3997893	20743603.1	
3998550	Tencent Technology (Shenzhen) Company Limited	10/11/2020	3998550	20913676.1	
3998829	Vivo Mobile Communication Co., Ltd.	09/07/2020	3998829	20836804.3	
3999006	Solventum Intellectual Properties Company	16/07/2020	3999006	20745302.8	
3999290	IMA Schelling Deutschland GmbH	28/06/2021	3999290	21742737.6	German
3999678	Czinner, Robert	16/07/2020	3999678	20839703.4	
3999996	NagraStar, LLC	17/07/2019	3999996	19749072.5	
4000060	Google LLC	29/07/2020	4000060	20757096.1	
4000537	Zhengzhou One Millimeter Medical Technology Co., Ltd.	16/06/2020	4000537	20840130.7	
4000789	Optotune Switzerland AG	01/11/2021	4000789	21205800.2	
4000912	Mitsubishi Heavy Industries, Ltd.	26/11/2019	4000912	19954345.5	
4000967	Baek, Seong Gi	06/07/2020	4000967	20844934.8	
4001345	South China University of Technology	17/07/2020	4001345	20839918.8	
4001492	LG Electronics Inc.	15/07/2020	4001492	20840299.0	
4001637	Aero Enterprise GmbH	11/11/2021	4001637	21207820.8	German
4002480	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	15/04/2021	4002480	21773274.2	
4002821	Ricoh Company, Ltd.	15/11/2021	4002821	21208154.1	
4003033	GEA TDS GmbH	10/07/2020	4003033	20746560.0	German
4004249	Brembo S.p.A.	23/07/2020	4004249	20761891.9	
4005390	Italpizza S.p.A.	22/11/2021	4005390	21209481.7	
4005663	Fette Compacting GmbH	26/11/2020	4005663	20210022.8	
4005792	Mitsubishi Chemical Corporation	14/04/2020	4005792	20846167.3	
4005818	BRIDGESTONE CORPORATION	22/07/2020	4005818	20843999.2	
4006278	SFS Group International AG	30/11/2020	4006278	20210799.1	
4006515	FAURECIA Sièges d'Automobile	25/11/2021	4006515	21210503.5	French
4006649	ETA SA Manufacture Horlogère Suisse	27/11/2020	4006649	20210242.2	French
4007148	Deere & Company	27/09/2021	4007148	21199151.8	
4007249	Toshiba TEC Kabushiki Kaisha	02/08/2021	4007249	21188987.8	

4007923	LGC Genomics, LLC	23/07/2020	4007923	20751636.0	
4007975	GDM Holding LLC	07/09/2020	4007975	20768551.2	
4008262	Wuxi Hisky Medical Technologies Co., Ltd.	28/07/2020	4008262	20846791.0	
4008375	Vantive US Healthcare LLC Vantive Health GmbH	27/11/2019	4008375	22151342.7	
4009064	LG ENERGY SOLUTION, LTD.	16/09/2020	4009064	20869897.7	
4009252	ELECTROLUX APPLIANCES AKTIEBOLAG	07/12/2020	4009252	20212214.9	
4009550	Tencent Technology (Shenzhen) Company Limited	05/02/2021	4009550	21774646.0	
4009566	Samsung Electronics Co., Ltd.	10/11/2021	4009566	21207424.9	
4009854	Solventum Intellectual Properties Company	03/08/2020	4009854	20754032.9	
4009971	Novocure GmbH	03/08/2020	4009971	20760912.4	
4010265	Société des Produits Nestlé S.A.	06/08/2020	4010265	20749913.8	
4010435	nanoSaar Production GmbH	06/08/2020	4010435	20750673.4	
4010461	ImmunityBio, Inc.	04/08/2020	4010461	20849918.6	
4010553	Arturo Salice S.p.A.	28/07/2020	4010553	20745213.7	
4010644	L'Air Liquide, société anonyme pour l'Étude et l'Exploitation des procédés Georges Claude	08/07/2020	4010644	20742182.7	French
4010659	Boston Dynamics, Inc.	13/09/2019	4010659	19779280.7	
4010922	Harman International Industries, Incorporated	07/08/2020	4010922	20852230.0	
4011440	HANGZHOU READY BIOLOGICAL TECHNOLOGY CO., LTD.	16/10/2019	4011440	19940589.5	
4011665	Inalfa Roof Systems Group B.V.	10/12/2020	4011665	20213215.5	
4012505	Patek Philippe SA Genève	11/12/2020	4012505	20213353.4	French
4012507	The Swatch Group Research and Development Ltd	11/12/2020	4012507	20213368.2	French
4012942	Alcatel Submarine Networks	08/12/2020	4012942	20306517.2	
4013351	Meril Life Sciences Pvt Ltd	01/10/2019	4013351	19941019.2	
4013550	Vermes Microdispensing GmbH	24/07/2020	4013550	20746191.4	German
4013676	GENESIS AEROTECH LIMITED	12/08/2020	4013676	20767728.7	
4014196	Samsung Electronics Co., Ltd.	16/10/2020	4014196	20877494.3	
4014654	Nokia Technologies Oy	15/08/2019	4014654	19755600.4	
4015437	Manitowoc Crane Group France	10/12/2021	4015437	21213684.0	French
4015566	The Procter & Gamble Company	15/12/2020	4015566	20214142.0	
4015568	MonoSol, LLC	15/12/2020	4015568	20214222.0	
4015569	The Procter & Gamble Company	15/12/2020	4015569	20214392.1	
4016013	Endress+Hauser Flowtec AG	23/09/2013	4016013	22154559.3	German
4016036	AP Sensing GmbH	17/12/2020	4016036	20214964.7	
4016347	Huawei Technologies Co., Ltd.	04/08/2020	4016347	20858803.8	
4016978	Ricoh Company, Ltd.	14/12/2021	4016978	21214251.7	
4017462	Colgate-Palmolive Company	30/11/2020	4017462	20838863.7	
4017725	Toppan Packaging Americas Holdings, Inc.	18/08/2020	4017725	20762024.6	
4017894	BASF SE	13/08/2020	4017894	20758144.8	
4018141	Samsung Electronics Co., Ltd.	10/02/2021	4018141	21754395.8	
4019193	Robert Bosch GmbH	16/12/2021	4019193	21215031.2	German
4020210	Huawei Technologies Co., Ltd.	21/09/2020	4020210	20869498.4	
4020271	INTEL Corporation	08/09/2021	4020271	21195529.9	
4020678	LG ENERGY SOLUTION, LTD.	30/11/2020	4020678	20914153.0	
4020749	Autel Intelligent Technology Corp., Ltd.	27/09/2020	4020749	20868700.4	
4020762	Foshan Welling Washer Motor Manufacturing Co., Ltd.	27/12/2019	4020762	19950008.3	
4020840	Nokia Solutions and Networks Oy	24/12/2020	4020840	20315506.4	
4020957	ISHIDA CO., Ltd.	14/12/2021	4020957	21214433.1	
4021037	Google LLC	26/11/2019	4021037	22157062.5	
4021210	Société des Produits Nestlé S.A.	21/08/2020	4021210	20757911.1	
4021554	GIT Therapeutics Ltd.	30/08/2020	4021554	20768125.5	
4021736	Superior Industries International, Inc.	27/08/2020	4021736	20859324.4	

4026868	SUMITOMO CHEMICAL COMPANY, LIMITED	28/08/2020	4026868	20860605.3	
4027234	Microsoft Technology Licensing, LLC	09/02/2018	4027234	22153942.2	
4027458	InnoLux Corporation	04/01/2022	4027458	22150111.7	
4027588	Huawei Technologies Co. Ltd.	24/09/2020	4027588	20877237.6	
4027699	ZTE Corporation	02/09/2020	4027699	20859905.0	
4027751	Telefonaktiebolaget LM Ericsson (publ)	13/06/2013	4027751	22159981.4	
4027949	Warsaw Orthopedic, Inc.	11/09/2020	4027949	20862701.8	
4028640	GeoQuest Systems B.V.	14/09/2020	4028640	20864128.2	
4028723	GRTgaz	10/09/2020	4028723	20771292.8	French
4028857	Samsung Electronics Co., Ltd.	24/11/2020	4028857	20919341.6	
4029539	NxStage Medical Inc.	07/04/2016	4029539	22158470.9	
4031323	Tornos SA	14/09/2020	4031323	20772051.7	French
4031599	BASF SE	16/09/2020	4031599	20768633.8	
4031905	Embraer S.A.	17/09/2020	4031905	20865960.7	
4032062	Samsung Electronics Co., Ltd.	01/09/2020	4032062	20880116.7	
4032228	nChain Licensing AG	16/11/2020	4032228	20811109.6	
4032461	Topcon Corporation	21/01/2022	4032461	22152676.7	
4032624	The Boeing Company	21/01/2022	4032624	22152643.7	
4032760	Oskwarek, John	25/01/2022	4032760	22153096.7	
4033289	Samsung Electronics Co., Ltd.	30/09/2021	4033289	21200225.7	
4033437	Université Paris Cité INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE - INSERM	26/01/2021	4033437	21153453.2	French
4033472	Suzuki Motor Corporation	11/11/2021	4033472	21207753.1	
4034588	Evonik Operations GmbH	04/09/2020	4034588	20764413.9	German
4035210	Raytheon Company	30/06/2020	4035210	20745367.1	
4035333	Magic Labs, Inc.	24/09/2020	4035333	20868333.4	
4035405	Dish Network, L.L.C.	18/08/2020	4035405	20765401.3	
4035743	Treemagineers Ltd	24/01/2022	4035743	22153046.2	
4035876	The Boeing Company	29/01/2021	4035876	21382073.1	
4036042	Otis Elevator Company	28/01/2021	4036042	21382063.2	
4036123	FUJIFILM Corporation	04/09/2020	4036123	20867289.9	
4036637	Hoya Lens Thailand Ltd.	10/07/2020	4036637	20868972.9	
4036638	Hoya Lens Thailand Ltd.	01/09/2020	4036638	20867571.0	
4037284	Siemens Mobility GmbH	02/02/2021	4037284	21154661.9	German
4037352	Tencent Technology (Shenzhen) Company Limited	16/09/2020	4037352	20869052.9	
4037638	The Procter & Gamble Company	30/09/2019	4037638	19947887.6	
4037802	Cellsonics Inc.	01/10/2020	4037802	20793895.2	
4038255	SCHÜCO International KG	01/10/2020	4038255	20786513.0	German
4039427	Jazzway Housewares Ltd	20/01/2022	4039427	22152463.0	
4039534	TOYOTA JIDOSHA KABUSHIKI KAISHA	21/12/2021	4039534	21216609.4	
4039648	Daiichi Kigenso Kagaku Kogyo Co., Ltd.	06/10/2021	4039648	21877645.8	
4040417	Nabtesco Corporation	29/09/2020	4040417	20873120.8	
4040701	LG Electronics Inc.	05/10/2020	4040701	20870822.2	
4040910	Deutsche Telekom AG	06/02/2021	4040910	21155647.7	
4040918	LG Electronics Inc.	09/02/2022	4040918	22155799.4	
4041133	Alcon Inc.	01/10/2020	4041133	20873089.5	
4042369	Materialise NV	24/09/2020	4042369	20788953.6	
4042931	Welch Allyn, INC.	07/02/2022	4042931	22155435.5	
4043192	Airbus Operations GmbH	13/01/2022	4043192	22151369.0	German
4043383	Suffel Fördertechnik GmbH & Co. KG	02/02/2022	4043383	22154803.5	German
4043714	Hamilton Sundstrand Corporation	10/02/2022	4043714	22156053.5	
4043812	Wuhu Midea Kitchen and Bath Appliances Mfg. Co., Ltd. Midea Group Co., Ltd.	23/10/2020	4043812	20880731.3	
4043920	Sony Group Corporation	16/02/2022	4043920	22156976.7	
4043968	ABB Schweiz AG	12/02/2021	4043968	21156883.7	
4044171	Neural DSP Technologies Oy	14/02/2022	4044171	22156656.5	

4044200	Hitachi Energy Ltd	16/02/2021	4044200	21157335.7	
4044338	GS Yuasa International Ltd.	07/10/2020	4044338	20874825.1	
4044362	Aptiv Technologies AG	11/02/2021	4044362	21156713.6	
	Université de Rennes Centre National de la Recherche Scientifique Nantes Université Institut National des Sciences Appliquées de Rennes Centrale Supélec				
4044424	Goodrich Control Systems Collins Aerospace Ireland, Limited Goodrich Actuation Systems Limited	12/02/2021	4044424	21156958.7	
4044432	Tianjin University	24/04/2020	4044432	20864907.9	
4045799	Daikin Applied Europe S.p.A.	14/10/2020	4045799	20793179.1	
4045895	LacriSciences, LLC	14/10/2020	4045895	20877987.6	
4046006	Google LLC	17/07/2020	4046006	20945153.3	
4046127	L'OREAL	12/11/2020	4046127	20886628.5	
4046481	IMERTECH SAS	23/02/2021	4046481	21386015.8	
4046595	Ivoclar Vivadent AG	16/02/2022	4046595	22157154.0	German
4046601	P+F Products + Features GmbH	18/02/2021	4046601	21157887.7	
4046796	Abu Dhabi Polymers Co. Ltd (Borouge) LLC Borealis GmbH	19/02/2021	4046796	21158116.0	
4046816	Seiko Epson Corporation	21/02/2022	4046816	22157727.3	
4047158	MAX CO., LTD.	14/02/2022	4047158	22156505.4	
4047229	GE Precision Healthcare LLC	07/02/2022	4047229	22155374.6	
4047259	CIMC Enric Engineering Technology Co., Ltd. CIMC Enric Investment Holdings (Shenzhen) Co., Ltd. China International Marine Containers (Group) Ltd.	27/11/2020	4047259	20891908.4	
4047572	GLORY LTD.	03/02/2022	4047572	22155022.1	
4047820	Samsung Electronics Co., Ltd.	16/10/2020	4047820	20877033.9	
4048025	LG Electronics Inc.	17/02/2022	4048025	22157197.9	
4048116	SEB S.A.	15/10/2020	4048116	20792643.7	French
4048208	Warsaw Orthopedic, Inc.	19/10/2020	4048208	20878825.7	
4048215	Stryker Corporation	22/10/2020	4048215	20878467.8	
4048515	Windmüller GmbH	28/08/2020	4048515	20771459.3	German
4049622	Medtronic, Inc.	18/02/2022	4049622	22157500.4	
4049835	LM Wind Power A/S	25/02/2021	4049835	21159147.4	
4049895	A. Raymond et Cie	22/02/2022	4049895	22158001.2	French
4049985	Amberger Kaolinwerke Eduard Kick GmbH & Co. KG	24/02/2022	4049985	22158422.0	German
4050056	Asahi Kasei Kabushiki Kaisha	21/10/2020	4050056	20878257.3	
4050234	Advanced Suspension Technology LLC	09/02/2022	4050234	22155768.9	
4050353	Infineon Technologies AG	25/02/2021	4050353	21159136.7	
4050473	Renesas Electronics Corporation	10/02/2022	4050473	22156039.4	
4050561	Beijing Zitiao Network Technology Co., Ltd.	26/08/2021	4050561	21867241.8	
4050591	LG Electronics Inc.	25/10/2019	4050591	19950162.8	
4050767	Nidec Corporation	24/02/2022	4050767	22158613.4	
4051423	thyssenkrupp Uhde Fertilizer Technology GmbH thyssenkrupp AG	30/10/2020	4051423	20824889.8	German
4052418	Cisco Technology, Inc.	14/10/2020	4052418	20800518.1	
4053143	Xi'an Biocare Pharma Ltd.	07/04/2021	4053143	21783953.9	
4053366	LANDERT Group AG	28/02/2022	4053366	22159085.4	German
4053629	YAMAHA CORPORATION	24/02/2022	4053629	22158632.4	
4053687	Fujifilm Business Innovation Corp.	24/08/2021	4053687	21192773.6	
4053903	BOE TECHNOLOGY GROUP CO., LTD.	29/10/2020	4053903	20824415.2	

4054037	MITSUBISHI ELECTRIC CORPORATION	28/10/2019	4054037	19950646.0	
4055066	ExxonMobil Chemical Patents Inc.	29/10/2020	4055066	20815987.1	
4055229	SAINT-GOBAIN PLACO	09/11/2020	4055229	20884186.6	
4055252	Baker Hughes Oilfield Operations, LLC	06/11/2020	4055252	20884023.1	
4055376	Enercorp Engineered Solutions, LLC	18/12/2020	4055376	20838463.6	
4056062	Mat Product & Technology, SL	03/11/2020	4056062	20883761.7	
4056281	Metso Finland Oy	09/03/2021	4056281	21161598.4	
4056283	Ecolab USA Inc.	29/09/2014	4056283	22171775.4	
4056371	Rolls-Royce plc	14/02/2022	4056371	22156481.8	
4056901	General Electric Company	01/02/2022	4056901	22154544.5	
4056963	Honeywell International Inc.	21/02/2022	4056963	22157676.2	
4057809	Ropeless Systems, Inc.	13/11/2020	4057809	20887452.9	
4057919	Aesculap AG	12/11/2020	4057919	20807313.0	German
4060283	Hexagon Innovation Hub GmbH	28/04/2015	4060283	22171825.7	
4060617	Sony Interactive Entertainment Inc.	16/02/2022	4060617	22157063.3	
4060985	BenQ Corporation	28/02/2022	4060985	22159067.2	
4061220	Medtronic MiniMed, Inc.	17/11/2020	4061220	20821547.5	
4061237	Bard Peripheral Vascular, Inc.	19/11/2020	4061237	20816856.7	
4061243	CIRCA Scientific, Inc.	18/11/2020	4061243	20890510.9	
4061615	voxeljet AG	17/11/2020	4061615	20819617.0	German
4062061	VESTAS WIND SYSTEMS A/S	23/11/2020	4062061	20816402.0	
4062070	Sicce S.r.l.	19/11/2020	4062070	20824995.3	
4062692	Nokia Technologies Oy	26/10/2020	4062692	20797714.1	
4063466	Samsung SDI Co., Ltd.	23/07/2013	4063466	22167481.5	
4064175	QUALCOMM INCORPORATED	20/06/2014	4064175	22169716.2	
4064669	FUJIFILM Business Innovation Corp.	01/09/2021	4064669	21194271.9	
4065001	Hologic, Inc.	25/11/2020	4065001	20828453.9	
4065840	VESTAS WIND SYSTEMS A/S	12/11/2020	4065840	20807662.0	
4065859	ContiTech Deutschland GmbH	16/10/2020	4065859	20796726.6	German
4065975	Bio-Rad Laboratories, Inc.	11/12/2020	4065975	20902851.3	
4066016	Valeo Schalter und Sensoren GmbH	23/11/2020	4066016	20812008.9	
4066080	Airbus Defence and Space GmbH	03/02/2021	4066080	21703420.6	
4066546	Telefonaktiebolaget LM Ericsson (publ)	27/11/2019	4066546	19812960.3	
4066561	ZTE Corporation	20/05/2020	4066561	20897239.8	
4067403	Shin-Etsu Chemical Co., Ltd.	19/11/2020	4067403	20894237.5	
4068070	Hangzhou Hikvision System Technology Co., Ltd.	26/11/2020	4068070	20894122.9	
4068092	Red Hat, LLC	25/06/2021	4068092	21181900.8	
4068162	Samsung Electronics Co., Ltd.	09/02/2021	4068162	21800775.5	
4068718	Unify Beteiligungsverwaltung GmbH & Co. KG	29/03/2021	4068718	21165717.6	
4069032	Colgate-Palmolive Company	02/11/2020	4069032	20853607.8	
4069243	Agency for Science, Technology and Research National University of Singapore	08/01/2021	4069243	21738244.9	
4069996	Mont Invest 30 AS	03/12/2020	4069996	20829697.0	
4070410	Saint-Gobain Sekurit France	02/12/2020	4070410	20812370.3	German
4070891	Ritter GmbH	15/02/2022	4070891	22156684.7	German
4071887	LG Energy Solution, Ltd.	08/02/2021	4071887	21767104.9	
4072115	LG Innotek Co., Ltd.	04/12/2020	4072115	20897026.9	
4072319	Société des Produits Nestlé S.A.	10/12/2020	4072319	20820430.5	
4072517	Adamed Pharma S.A.	06/12/2020	4072517	20820856.1	
4073309	The Procter & Gamble Company	07/12/2020	4073309	20829128.6	
4073361	FPT Industrial S.p.A.	09/12/2020	4073361	20835880.4	
4073474	Micro Motion, Inc.	13/12/2019	4073474	19836757.5	
4073605	BASF SE	08/12/2020	4073605	20817396.3	
4073606	BASF SE	08/12/2020	4073606	20817397.1	
4073738	Siemens Healthcare Diagnostics Inc.	09/10/2020	4073738	20899693.4	
4073931	Nordic Semiconductor ASA	11/12/2020	4073931	20824542.3	
4076240	Cardiofocus, Inc.	18/12/2020	4076240	20903305.9	
4076560	Hospira, Inc.	17/12/2020	4076560	20828354.9	

4076615	Surmodics, Inc.	16/12/2020	4076615	20903418.0	
4077299	BASF SE	15/12/2020	4077299	20821281.1	
4077552	AdvanSix Resins & Chemicals LLC	11/12/2020	4077552	20845461.1	
4077572	tesa SE	09/12/2020	4077572	20838361.2	German
4077962	SAAB AB	19/12/2019	4077962	19956667.0	
4078168	F. Hoffmann-La Roche AG	16/12/2020	4078168	20823854.3	
4078349	Microsoft Technology Licensing, LLC	05/11/2020	4078349	20816339.4	
4078411	Snap Inc.	15/12/2020	4078411	20842080.2	
4078445	Brainlab SE	16/12/2020	4078445	20821315.7	
4078484	Endress+Hauser Group Services AG	01/12/2020	4078484	20817281.7	
4078790	Hanagan, Michael	11/12/2020	4078790	20903165.7	
4078811	QUALCOMM INCORPORATED	28/10/2020	4078811	20804748.0	
4079742	UDC Ireland Limited	13/04/2022	4079742	22168057.2	German
4080082	Riedlberger, Markus	16/02/2022	4080082	22157085.6	German
4080108	Application des Gaz	19/04/2022	4080108	22168849.2	French
4080191	INESC-ID Instituto de Engenharia de Sistemas e Computadores Investigação e Desenvolvimento de Lisboa Instituto Superior Técnico	16/12/2020	4080191	20845705.1	
4080556	Samsung Electronics Co., Ltd.	13/04/2022	4080556	22168178.6	
4080825	ZTE Corporation	17/12/2020	4080825	20903259.8	
4080828	Huawei Technologies Co., Ltd.	22/01/2021	4080828	21744326.6	
4081061	Philip Morris Products, S.A.	22/12/2020	4081061	20835830.9	
4081146	Biosense Webster (Israel) Ltd.	29/01/2020	4081146	20708610.9	
4081227	SpinalCyte LLC	22/12/2020	4081227	20905004.6	
4081942	Avery Dennison Retail Information Services LLC	18/12/2020	4081942	20842780.7	
4081951	Google LLC	24/12/2020	4081951	20842906.8	
4082830	KEIPER Seating Mechanisms Co., Ltd.	24/02/2020	4082830	20906547.3	
4083411	KUBOTA CORPORATION	24/12/2020	4083411	20908325.2	
4083732	Kabushiki Kaisha Yaskawa Denki	07/04/2022	4083732	22167157.1	
4085559	Google LLC	19/01/2021	4085559	21704150.8	
4085604	Samsung Electronics Co., Ltd.	08/02/2021	4085604	21754483.2	
4086348	Ricetec, Inc.	04/08/2017	4086348	22165166.4	
4086840	BIGO TECHNOLOGY PTE. LTD.	18/11/2020	4086840	20908710.5	
4087204	Huawei Technologies Co., Ltd.	30/12/2020	4087204	20921922.9	
4087220	Samsung Electronics Co., Ltd.	03/02/2021	4087220	21750963.7	
4087344	Huawei Technologies Co., Ltd.	22/01/2020	4087344	20916203.1	
4087665	Remastered Sleep LLC	08/01/2021	4087665	21738376.9	
4088161	Hewlett-Packard Development Company, L.P.	18/12/2020	4088161	20911569.0	
4088870	Max Co., Ltd.	10/05/2022	4088870	22172442.0	
4089389	SubCom, LLC	19/04/2022	4089389	22168766.8	
4089402	LG Energy Solution, Ltd.	22/06/2021	4089402	21866956.2	
4089439	Panasonic Intellectual Property Management Co., Ltd.	28/12/2020	4089439	20911628.4	
4089823	Contemporary Ampere Technology (Hong Kong) Limited	25/09/2020	4089823	20946634.1	
4090469	Gebr. Pfeiffer SE	14/01/2021	4090469	21700221.1	German
4091186	Siemens Energy Global GmbH & Co. KG	11/02/2021	4091186	21708137.1	German
4091275	QUALCOMM Incorporated	12/01/2021	4091275	21704084.9	
4091579	Implantica Patent Ltd.	12/10/2009	4091579	22167436.9	
4092703	Sungrow Power Supply Co., Ltd.	08/02/2022	4092703	22155528.7	
4093012	Vivo Mobile Communication Co., Ltd.	01/02/2021	4093012	21761679.6	
4093169	Carrier Corporation	20/05/2022	4093169	22174616.7	
4093217	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	15/01/2021	4093217	21703146.7	German
4093222	Altria Client Services LLC	14/01/2021	4093222	21704120.1	
4093292	The Board of Trustees of the Leland Stanford Junior University	19/01/2021	4093292	21743790.4	
4096977	IPGATE AG	27/01/2021	4096977	21702236.7	German
4097079	AdvanSix Resins & Chemicals LLC	21/01/2021	4097079	21707051.5	

4097341	Cummins Inc.	07/12/2020	4097341	20829130.2	
4098067	Samsung Electronics Co., Ltd.	02/02/2021	4098067	21750962.9	
4098251	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.	09/02/2021	4098251	21753821.4	
4098501	Hyundai Motor Company Kia Corporation	30/05/2022	4098501	22175975.6	
4098888	Cold Jet LLC	24/04/2019	4098888	22187818.4	
4099241	i-Sens, Inc.	04/03/2021	4099241	21767302.9	
4099276	Shopify Inc.	13/01/2022	4099276	22151417.7	
4099517	Contemporary Amperex Technology (Hong Kong) Limited	24/09/2021	4099517	21871615.7	
4099689	JVCKenwood Corporation	30/11/2020	4099689	20917055.4	
4099901	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)	03/02/2021	4099901	21709467.1	
4099926	Covidien LP	03/02/2020	4099926	20917726.0	
4100044	Prudentix Ltd.	03/02/2021	4100044	21750969.4	
4100292	Kargetu Private Limited	05/02/2021	4100292	21750375.4	
4100365	CAP III B.V.	04/02/2021	4100365	21703676.3	
4100373	Tesla, Inc.	04/02/2021	4100373	21710097.3	
4100581	EMERSON ELECTRIC CO.	02/02/2021	4100581	21708827.7	
4101229	Resideo LLC	02/02/2021	4101229	21707585.2	
4101421	Wright Medical Technology, Inc.	27/04/2022	4101421	22170278.0	
4101999	Saint Dizier Environnement	03/06/2022	4101999	22177319.5	French
4103245	Klinikum der Technischen Universität München (TUM Klinikum)	10/02/2021	4103245	21708937.4	
4103356	3M Innovative Properties Company	01/02/2021	4103356	21703996.5	
4103719	Enduro Genetics ApS Danmarks Tekniske Universitet	12/02/2021	4103719	21704286.0	
4103954	Anduril Industries, Inc.	21/07/2020	4103954	20919121.2	
4103977	Schlumberger Technology B.V.	08/02/2021	4103977	21754274.5	
4103996	Leica Camera AG	13/02/2020	4103996	20710416.7	German
4104014	GENTEX CORPORATION	12/02/2021	4104014	21753535.0	
4104169	Tencent America LLC	07/10/2021	4104169	21927007.1	
4104440	Tencent America LLC	03/02/2021	4104440	21753368.6	
4104455	Bose Corporation	11/02/2021	4104455	21710150.0	
4104549	Lenovo (Singapore) Pte. Ltd.	13/02/2020	4104549	20705927.0	
4104972	Boeck GmbH	07/06/2022	4104972	22177673.5	German
4105533	Usui Co., Ltd.	02/02/2021	4105533	21753927.9	
4105537	Fellowes, Inc.	14/05/2021	4105537	22189553.5	
4105877	Huawei Technologies Co., Ltd.	19/02/2021	4105877	21757305.4	
4106376	ZARIOT Technologies FZE LLC	16/06/2022	4106376	22179334.2	
4106453	Datang Mobile Communications Equipment Co., Ltd.	14/01/2021	4106453	21753576.4	
4106582	Wonderland Switzerland AG	22/02/2021	4106582	21757676.8	
4107042	Zoox, Inc.	17/02/2021	4107042	21757043.1	
4107112	Crown Equipment Corporation	17/02/2021	4107112	21715692.6	
4107119	SCHOTT AG	19/02/2021	4107119	21707233.9	German
4107301	Novelis, Inc.	18/02/2021	4107301	21711417.2	
4107389	LM Wind Power A/S	18/02/2021	4107389	21706920.2	
4107479	Nordson Corporation	19/02/2021	4107479	21712289.4	
4107577	OBE GMBH & CO. KG	16/02/2021	4107577	21706531.7	German
4107579	Commissariat à l'Energie Atomique et aux Energies Alternatives	16/02/2021	4107579	21708730.3	French
4107591	Sartorius Stedim Data Analytics AB	19/02/2021	4107591	21707650.4	
4107652	Harman International Industries, Incorporated	21/02/2020	4107652	20919477.8	
4107778	Jabil Inc.	17/02/2020	4107778	20920138.3	
4107860	ABB Schweiz AG	12/02/2021	4107860	21757771.7	
4108172	Apple Inc.	08/06/2022	4108172	22177773.3	
4108428	Nordex Blade Technology Centre APS	24/06/2021	4108428	21181540.2	
4109079	Instrumentation Laboratory Company	01/06/2022	4109079	22176872.4	
4109148	Lg Chem, Ltd.	04/02/2021	4109148	21756456.6	

4109529	Samsung Display Co., Ltd.	22/06/2022	4109529	22180575.7	
4109859	BlackBerry Limited	30/05/2022	4109859	22176110.9	
4109969	Huawei Technologies Co., Ltd.	23/11/2020	4109969	20922584.6	
4110099	Philip Morris Products S.A.	24/02/2021	4110099	21706319.7	
4110103	Philip Morris Products S.A.	24/02/2021	4110103	21707257.8	
4110106	JT International SA	25/02/2021	4110106	21708962.2	
4110154	LG Electronics Inc.	26/02/2021	4110154	21760066.7	
4110169	Ganton, Robert Bruce	27/02/2021	4110169	21761410.6	
4110222	CMR Surgical Limited	23/02/2021	4110222	21708352.6	
4110696	Recaro Aircraft Seating GmbH & Co. KG	19/02/2021	4110696	21709625.4	German
4110897	Curi Bio, Inc.	25/02/2021	4110897	21761402.3	
4110978	Lenzing Aktiengesellschaft	24/02/2021	4110978	21706601.8	German
4110979	Lenzing Aktiengesellschaft	24/02/2021	4110979	21706949.1	German
4111028	Schlumberger Technology B.V.	24/02/2021	4111028	21760546.8	
4111051	LM Wind Power A/S	17/02/2021	4111051	21712598.8	
4111141	Feed Flow Limited	25/02/2021	4111141	21761112.8	
4111232	Stellantis Auto SAS	11/02/2021	4111232	21705902.1	German
4111425	Magic Leap, Inc.	25/02/2021	4111425	21761488.2	
4111685	TENCENT AMERICA LLC	26/04/2022	4111685	22773388.8	
4111820	JT International SA	25/02/2021	4111820	21707261.0	
4111822	Fives Celes	24/02/2021	4111822	21710553.5	French
4111929	Beijing Roborock Innovation Technology Co., Ltd.	19/10/2020	4111929	20921702.5	
4112264	Zeon Corporation	08/02/2021	4112264	21759647.7	
4112498	Kanadevia Corporation	30/11/2020	4112498	20922289.2	
	National University corporation Nara Institute of Science and Technology				
4113298	ALIBABA GROUP HOLDING LIMITED	17/05/2021	4113298	21812045.9	
4113371	Tencent Technology (Shenzhen) Company Limited	15/10/2021	4113371	21884949.5	
4113372	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	26/01/2021	4113372	21921709.8	
4113490	LG Electronics Inc.	27/02/2020	4113490	20921667.0	
4113557	Panasonic Intellectual Property Management Co., Ltd.	19/02/2021	4113557	21760056.8	
4113718	SK On Co., Ltd.	06/05/2022	4113718	22172158.2	
4113900	Sagemcom Broadband SAS	23/06/2022	4113900	22180777.9	French
4114533	Innova S.r.l.	25/02/2021	4114533	21710197.1	
4114607	TRUMPF Werkzeugmaschinen SE + Co. KG	11/02/2021	4114607	21704775.2	German
4114745	Lantech.Com, Llc	25/02/2021	4114745	21764762.7	
4115808	Atsens Co., Ltd.	07/04/2022	4115808	22167114.2	
4116325	Novartis AG	04/11/2011	4116325	22180976.7	
4116336	The Goodyear Tire & Rubber Company	08/07/2022	4116336	22183965.7	
4116393	Hodogaya Chemical Co., Ltd. SFC Co., Ltd.	16/02/2021	4116393	21765224.7	
4116655	LG Electronics, Inc.	15/02/2021	4116655	21763547.3	
4116663	Blaser Group GmbH	07/06/2022	4116663	22177531.5	German
4116944	Scania CV AB	30/06/2022	4116944	22182196.0	
4117065	SANYO Electric Co., Ltd.	08/02/2021	4117065	21764008.5	
4117221	STMicroelectronics S.r.l.	20/06/2022	4117221	22179876.2	
4119407	Hyundai Mobis Co., Ltd.	07/07/2022	4119407	22183468.2	
4119454	LK Lab S.r.L.	12/07/2022	4119454	22184488.9	
4120098	Cochl Inc	26/02/2021	4120098	21766949.8	
4120244	Harman International Industries, Incorporated	12/07/2022	4120244	22184535.7	
4120468	Contemporary Amperex Technology (Hong Kong) Limited	17/02/2022	4120468	22783417.3	
4122241	Nokia Technologies Oy	19/03/2020	4122241	20713258.0	

4122825	FORDRONE CO., LTD. Kim, Weon Kook Shin, Jin Kyo Kim, Kwang Rae	17/09/2020	4122825	20925442.4	
4123091	Hawthorn Heights Limited	19/07/2022	4123091	22185726.1	
4123199	Kanzaki Kokyukoki Mfg. Co., Ltd.	18/07/2022	4123199	22185545.5	
4123273	Hamamatsu Photonics K.K.	07/04/2021	4123273	21808410.1	
4123735	SFC Co., Ltd.	18/03/2021	4123735	21771374.2	
4123989	Nokia Solutions and Networks Oy	08/07/2022	4123989	22183927.7	
4124409	Huvitz Co., Ltd.	25/07/2022	4124409	22186621.3	
4124537	Siemens Mobility GmbH	08/07/2022	4124537	22183811.3	German
4124748	General Electric Renovables España S.L.	01/07/2022	4124748	22182619.1	
4124757	Pedrollo S.p.a.	28/07/2022	4124757	22187624.6	
4125219	Socionext Inc.	27/07/2021	4125219	21188083.6	
4126945	Avalo Therapeutics, Inc.	31/03/2021	4126945	21779221.7	
4127267	Lawrence Livermore National Security, LLC	14/05/2021	4127267	21804291.9	
4128101	ZF CV Systems Global GmbH	22/03/2021	4128101	21715162.0	German
4128220	Google LLC	14/12/2020	4128220	20839472.6	
4128611	QUALCOMM INCORPORATED	01/04/2020	4128611	20929287.9	
4129419	Zedel	21/07/2022	4129419	22186359.0	French
4130641	Steiner-Optik GmbH	07/05/2018	4130641	22199017.9	German
4131106	Hitachi, Ltd.	17/08/2020	4131106	20927134.5	
4131574	LG Energy Solution, Ltd.	12/10/2021	4131574	21880485.4	
4131999	D&M Holdings Inc.	29/09/2020	4131999	20927835.7	
4133272	The University Court Of The University Of Glasgow	08/04/2021	4133272	21717840.9	
4134254	Hübner GmbH & Co. KG	12/08/2021	4134254	21190968.4	German
4134273	Kinetix AG	11/08/2021	4134273	21190788.6	German
4134473	Kuraray Co., Ltd.	18/02/2021	4134473	21784840.7	
4134494	ESCO Group LLC	31/10/2019	4134494	22198977.5	
4134609	RD Estate GmbH & Co. KG	10/08/2021	4134609	21190535.1	German
4136017	SRAM, LLC	15/04/2021	4136017	21720214.2	German
4136033	Milwaukee Electric Tool Corporation	12/04/2021	4136033	21787863.6	
4136426	Safran Aero Boosters SA	13/04/2021	4136426	21718121.3	French
4136603	Ready Credit Corporation Reverse ATM LLC	16/04/2021	4136603	21725293.1	
4137480	Jiangsu Protelight Pharmaceutical & Biotechnology Co., Ltd.	07/05/2021	4137480	21802905.6	
4137606	Panasonic Intellectual Property Management Co., Ltd.	24/12/2020	4137606	20942531.3	
4137628	Nitto Advanced Film Gronau GmbH	20/08/2021	4137628	21192332.1	German
4137738	FiWaRec GmbH	03/06/2022	4137738	22177240.3	German
4137845	Aptiv Technologies AG	16/08/2021	4137845	21191442.9	
4138170	LG Energy Solution, Ltd.	08/04/2022	4138170	22785024.5	
4138593	Philip Morris Products, S.A.	19/04/2021	4138593	21719738.3	
4139448	Pharmact Holding AG	20/04/2020	4139448	20721484.2	
4140249	Google LLC	13/05/2021	4140249	21730056.5	
4140282	CNH Industrial Belgium NV	31/08/2022	4140282	22193292.4	
4140641	DMG Mori Co., Ltd.	24/04/2020	4140641	20932228.8	
4140685	King Steel Machinery Co., Ltd.	29/07/2022	4140685	22187756.6	
4140696	General Electric Company	16/08/2022	4140696	22190534.2	
4141047	NAN YA PLASTICS CORPORATION	03/11/2021	4141047	21206118.8	
4141143	The Boeing Company	22/08/2022	4141143	22191528.3	
4141414	Endress+Hauser Optical Analysis, Inc.	25/07/2022	4141414	22186601.5	
4141791	Dassault Systèmes	23/08/2021	4141791	21306137.7	
4141817	Canon Kabushiki Kaisha	24/08/2022	4141817	22191890.7	
4141819	Worldcoin Foundation	25/08/2021	4141819	21193120.9	
4141847	Murrplastik Systemtechnik GmbH	20/07/2022	4141847	22185999.4	German
4142020	LG Energy Solution, Ltd.	17/02/2022	4142020	22775912.3	
4142028	LG Energy Solution, Ltd.	14/07/2021	4142028	21841622.0	
4142079	Hitachi Energy Ltd	27/08/2021	4142079	21193652.1	

4142184	Jess-Link Products Co., Ltd.	28/09/2021	4142184	21199560.0	
4142541	GB Boucherie NV	29/03/2021	4142541	21715602.5	German
4143407	Exsto	27/04/2021	4143407	21731235.4	French
4144558	Carrier Corporation	06/09/2021	4144558	21195109.0	
4144613	Hübner GmbH & Co. KG	02/09/2021	4144613	21194513.4	German
4145310	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	21/06/2021	4145310	21832447.3	
4145611	LG Energy Solution, Ltd.	05/08/2021	4145611	21854235.5	
4145635	TMY Technology Inc.	17/02/2022	4145635	22157187.0	
4147019	Computime Ltd.	04/05/2021	4147019	21800420.8	
4147388	Salesforce, Inc.	29/06/2021	4147388	21748710.7	
4147585	Imperial Tobacco Limited	10/09/2021	4147585	21196089.3	
4147791	LG Energy Solution, Ltd.	23/09/2021	4147791	21872918.4	
4148093	Sun Chemical Corporation	20/07/2021	4148093	21769155.9	
4148636	Mitsubishi Heavy Industries, Ltd.	23/08/2021	4148636	21861484.0	
4148640	Exploration Robotics Technologies Inc.	07/09/2022	4148640	22194426.7	
4149223	Garrett Transportation I Inc.	28/06/2022	4149223	22181591.3	
4149240	Sprout Systems AG	11/05/2021	4149240	21725730.2	
4150284	Rheinmetall Landsysteme GmbH	23/02/2021	4150284	21707935.9	German
4150664	Ichor Systems, Inc.	12/05/2021	4150664	21804970.8	
4150709	Cisco Technology, Inc.	11/05/2021	4150709	21729197.0	
4151581	OTIS Elevator Company	28/06/2022	4151581	22181598.8	
4151851	VESTAS WIND SYSTEMS A/S	07/12/2018	4151851	22207308.2	
4152196	MEDIATEK INC.	25/07/2022	4152196	22186802.9	
4152328	Kioxia Corporation	14/09/2022	4152328	22195574.3	
4152850	Sony Group Corporation	07/05/2021	4152850	21803311.6	
4153650	Huntsman International LLC	12/05/2021	4153650	21808452.3	
4153837	ASSA ABLOY Entrance Systems AB	06/05/2021	4153837	21725459.8	German
4153921	Nortek Air Solutions Canada, Inc.	22/05/2020	4153921	20936193.0	
4153988	Waters Technologies Corporation	20/05/2021	4153988	21732731.1	
4154145	Microsoft Technology Licensing, LLC	10/04/2021	4154145	21723484.8	
4154215	Olea Medical	18/05/2021	4154215	21732482.1	French
4154269	Medical Informatics Corp.	17/05/2021	4154269	21732632.1	
4154413	Motorola Solutions, Inc.	11/05/2021	4154413	21729388.5	
4154580	Apple Inc.	05/08/2021	4154580	21926042.9	
4154980	Shenzhen Yhlo Biotech Co., Ltd.	03/08/2021	4154980	21863442.6	
4155150	Aptiv Technologies AG	28/09/2022	4155150	22198266.3	
4155566	Bal Seal Engineering, LLC	31/08/2022	4155566	22193152.0	
4155671	HERE Global B.V.	22/09/2022	4155671	22197008.0	
4156408	Nokia Shanghai Bell Co., Ltd.	15/09/2022	4156408	22195846.5	
4156424	Niterra Co., Ltd.	14/09/2021	4156424	21869345.5	
4156475	Siemens Gamesa Renewable Energy A/S	23/09/2021	4156475	21198439.8	
4157006	First West GmbH	20/05/2021	4157006	21758581.9	German
	Kucharko, Jerzy Franciszek				
4157512	BASF SE	25/05/2021	4157512	21727881.1	
4157815	Dow Global Technologies LLC	27/05/2021	4157815	21734615.4	
4158383	Syntony	28/05/2021	4158383	21734414.2	French
4159289	Kidde Technologies, Inc.	26/08/2022	4159289	22192333.7	
4159565	Deere & Company	12/09/2022	4159565	22195175.9	German
4160532	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12/04/2021	4160532	21818887.8	
4160790	SK On Co., Ltd.	26/09/2022	4160790	22197808.3	
4160822	AGC INC.	21/05/2021	4160822	21813050.8	
4161026	Juniper Networks, Inc.	14/12/2021	4161026	21214267.3	
4161908	Annji Pharmaceutical Co., Ltd.	08/06/2021	4161908	21736832.3	
4162623	QUALCOMM INCORPORATED	15/05/2021	4162623	21730428.6	
4162637	ZTE Corporation	06/07/2020	4162637	20944504.8	
4162987	Samsung Electronics Co., Ltd.	05/02/2021	4162987	21820883.3	
4163132	Nexen Tire Corporation	07/10/2022	4163132	22200365.9	
4163316	Lg Chem, Ltd.	24/02/2022	4163316	22760076.4	
4163332	Borealis GmbH	10/10/2021	4163332	21201794.1	
4163886	Toll Collect GmbH	07/10/2022	4163886	22200183.6	German

4164056	The Swatch Group Research and Development Ltd	28/11/2013	4164056	22204850.6	
4164353	GE Aviation Systems LLC	08/11/2019	4164353	22199679.6	
4164545	Nowwell AS	11/06/2021	4164545	21733908.4	
4164882	Saint-Gobain Sekurit France	10/06/2021	4164882	21731502.7	German
4165297	DutchVentus Wind IP B.V.	09/06/2021	4165297	21731772.6	
4166428	LG Energy Solution, Ltd.	04/02/2022	4166428	22756411.9	
4166721	Kässbohrer Geländefahrzeug AG	25/07/2022	4166721	22186655.1	German
4166814	Litens Automotive Partnership	01/05/2018	4166814	22213079.1	
4167382	TMY Technology Inc.	10/02/2022	4167382	22156028.7	
4167423	Huawei Digital Power Technologies Co., Ltd.	13/11/2020	4167423	20945559.1	
4167715	CNH Industrial Belgium NV	21/06/2021	4167715	21765738.6	
4168399	Nanjing Immunophage Biomedical Co., Ltd.	23/06/2020	4168399	20942306.0	
4168628	Easy Slabber Holdings Limited	15/06/2021	4168628	21736647.5	
4168746	TDK Electronics AG	15/06/2021	4168746	21734085.0	
4168824	META PLATFORMS TECHNOLOGIES, LLC	18/05/2021	4168824	21733012.5	
4169106	GRST SINGAPORE PTE. LTD.	01/06/2021	4169106	21826097.4	
4169429	LG Electronics, Inc.	10/06/2021	4169429	21827883.6	
4169751	Volvo Car Corporation	25/10/2021	4169751	21204534.8	
4169830	BRUNSWICK CORPORATION	21/10/2022	4169830	22202932.4	
4169988	NIPPON STEEL CORPORATION	17/06/2021	4169988	21826243.4	
4170137	Volvo Penta Corporation	19/10/2021	4170137	21203411.0	
4170423	Apple Inc.	27/03/2020	4170423	22205513.9	
4170882	LG Energy Solution, Ltd.	25/08/2021	4170882	21864590.1	
4171691	Davol Inc.	28/06/2021	4171691	21833460.5	
4172705	Honeywell International Inc.	29/06/2021	4172705	21834007.3	
4172748	QUALCOMM INCORPORATED	04/05/2021	4172748	21727742.5	
4172935	Samsung Electronics Co., Ltd.	23/07/2021	4172935	21846325.5	
4172985	Microsoft Technology Licensing, LLC	13/05/2021	4172985	21731622.3	
4173152	Telefonaktiebolaget LM Ericsson (publ)	16/06/2021	4173152	21735601.3	
4173256	Snap Inc.	23/06/2021	4173256	21743620.3	
4173393	Nokia Technologies Oy	10/06/2021	4173393	21733087.7	
4173530	SEB S.A.	27/10/2022	4173530	22204224.4	French
4173667	Biosense Webster (Israel) Ltd.	27/10/2022	4173667	22204209.5	
4174692	STMicroelectronics Application GmbH STMicroelectronics International N.V.	13/10/2022	4174692	22201273.4	
4174799	Zenseact AB	26/10/2021	4174799	21204773.2	
4175436	Carrier Corporation	02/11/2022	4175436	22205164.1	
4176221	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	02/07/2021	4176221	21748916.0	French
4176680	Google LLC	29/07/2021	4176680	21758511.6	
4176690	Cassia Networks Inc.	08/07/2021	4176690	21838520.1	
4176704	Yanmar Holdings Co., Ltd.	04/11/2022	4176704	22205557.6	
4176915	ResMed Pty Ltd	08/11/2007	4176915	22198042.8	
4177063	BROTHER KOGYO KABUSHIKI KAISHA	08/11/2022	4177063	22205990.9	
4177125	Volvo Car Corporation	08/11/2021	4177125	21206954.6	
4177130	Virtualmechanics S.L. Ferrocarril Metropolità de Barcelona, S. A.	02/07/2021	4177130	21833923.2	
4177208	Otis Elevator Company	05/11/2021	4177208	21383003.7	
4177510	Worthington Industries, Inc.	01/10/2018	4177510	22217031.8	
4177650	US Conec, Ltd	08/11/2022	4177650	22206005.5	
4177733	Sony Group Corporation	21/06/2021	4177733	21832905.0	
4177835	TECAN Trading AG	08/11/2021	4177835	21206865.4	
4178300	Nokia Technologies Oy	03/10/2022	4178300	22199331.4	
4178620	Merck Sharp & Dohme LLC	06/07/2021	4178620	21837278.7	
4178652	Fisher & Paykel Healthcare Limited	07/07/2021	4178652	21838785.0	
4178657	Vigmed AB	17/06/2021	4178657	21838503.7	

4179033	Sicer S.P.A.	13/07/2021	4179033	21752173.1	
4179653	Steelrock Technologies Ltd	13/07/2021	4179653	21746130.0	
4179772	Telefonaktiebolaget LM Ericsson (publ)	07/07/2020	4179772	20740093.8	
4179819	QUALCOMM INCORPORATED	08/06/2021	4179819	21736486.8	
4180125	Stratec Consumables GmbH	07/10/2022	4180125	22200215.6	
4180320	Torqeedo GmbH	11/11/2022	4180320	22206880.1	German
4180615	Teleco Automation S.R.L.	15/11/2022	4180615	22207595.4	
4181043	Mitel Networks Corporation	15/11/2022	4181043	22207630.9	
4181294	LG Energy Solution, Ltd.	10/02/2022	4181294	22753009.4	
4181314	NGK Insulators, Ltd.	04/08/2022	4181314	22850701.8	
4181429	Frontier Communications Holdings, LLC	11/11/2022	4181429	22207070.8	
4181990	Stamford Devices Limited	09/07/2021	4181990	21742116.3	
4182217	Bardex Corporation	20/07/2021	4182217	21845840.4	
4182508	Metalogenia Research & Technologies S.L.	10/06/2021	4182508	21732012.6	
4182781	Samsung Electronics Co., Ltd.	08/04/2021	4182781	21892050.2	
4183029	Robert Bosch GmbH	06/07/2021	4183029	21742096.7	German
4183298	Miele & Cie. KG	25/10/2022	4183298	22203508.1	German
4183339	Medtrum Technologies Inc.	31/05/2021	4183339	21843300.1	
4183752	SAINT-GOBAIN GLASS FRANCE	18/11/2021	4183752	21306609.5	French
4184317	LG Electronics Inc.	17/11/2022	4184317	22208111.9	
4184383	Tencent Technology (Shenzhen) Company Limited	12/10/2021	4184383	21890866.3	
4184644	LG Energy Solution, Ltd.	20/08/2021	4184644	21858651.9	
4184966	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	24/07/2020	4184966	20945839.7	
4185248	Medtronic Vascular, Inc.	23/07/2021	4185248	21758214.7	
4185465	Corning Incorporated	12/07/2021	4185465	21751698.8	
4185682	Henkel AG & Co. KGaA	25/06/2021	4185682	21735956.1	
4185683	Henkel AG & Co. KGaA	25/06/2021	4185683	21739297.6	
4185889	Rheinmetall Waffe Munition GmbH	23/07/2021	4185889	21755379.1	German
4185977	Mastercard International Incorporated	27/05/2021	4185977	21846827.0	
4186753	Hitachi Construction Machinery Co., Ltd.	10/11/2021	4186753	21903090.5	
4186967	Idemitsu Kosan Co., Ltd	21/07/2021	4186967	21847254.6	
4186969	Henkel AG & Co. KGaA	26/11/2021	4186969	21210764.3	
4187020	Hitachi Construction Machinery Co., Ltd.	13/12/2021	4187020	21921270.1	
4187074	Hamilton Sundstrand Corporation	30/11/2022	4187074	22210519.9	
4187314	Lg Chem, Ltd.	22/07/2021	4187314	21847098.7	
4187460	SK On Co., Ltd.	23/11/2022	4187460	22209235.5	
4187671	LG Energy Solution, Ltd.	23/07/2021	4187671	21846968.2	
4187716	BOE Technology Group Co., Ltd. Beijing Boe Sensor Technology Co., Ltd.	25/06/2021	4187716	21884455.3	
4188217	Circius Pharma AB	26/07/2021	4188217	21762090.5	
4188221	Neuroone Medical Technologies Corporation	03/08/2021	4188221	21852651.5	
4188286	Patsalides, Athos	03/08/2021	4188286	21854427.8	
4188857	Valmet Tissue Converting S.p.A.	22/07/2021	4188857	21743536.1	
4189977	Vonage Business Inc.	26/07/2021	4189977	21758864.9	
4190238	Becton, Dickinson and Company	11/02/2020	4190238	23153538.6	
4190397	Medtronic, Inc.	10/07/2018	4190397	23152663.3	
4190856	Continental Reifen Deutschland GmbH	02/11/2022	4190856	22205081.7	German
4191076	LG Energy Solution, Ltd.	18/07/2022	4191076	22849777.2	
4191211	Rosemount Tank Radar AB	06/12/2021	4191211	21212596.7	
4191468	Huawei Technologies Co. Ltd.	29/07/2021	4191468	21860035.1	
4193247	Riot Games Inc.	01/09/2021	4193247	21867377.0	
4193299	PAIGE.AI, Inc.	02/08/2021	4193299	21758947.2	
4193896	Kohler (China) Investment Co. Ltd.	06/12/2022	4193896	22211715.2	
4193912	The Medical Research, Infrastructure, And Health Services Fund Of The Tel Aviv Medical Center	02/02/2012	4193912	23154809.0	
4194613	Q-Evo GmbH & Co. KG	09/12/2021	4194613	21213315.1	German
4194677	PRATT & WHITNEY CANADA CORP.	13/12/2022	4194677	22213181.5	
4194754	Grand Mate Co., Ltd.	15/11/2022	4194754	22207482.5	

4194905	AEA S.r.l.	12/12/2022	4194905	22212757.3	
4194943	LG Innotek Co., Ltd.	05/08/2021	4194943	21854323.9	
4195627	Malikie Innovations Limited	03/02/2016	4195627	23154310.9	
4196400	Envirotainer AG	30/07/2021	4196400	21758597.5	German
4197628	EOS GmbH Electro Optical Systems	20/12/2021	4197628	21216130.1	German
4197658	LG CHEM, LTD.	25/07/2022	4197658	22865932.2	
4197847	Siemens Mobility GmbH	25/11/2022	4197847	22209521.8	German
4197971	China Petroleum & Chemical Corporation Shanghai Research Institute of Petrochemical Technology, SINOPEC	09/09/2021	4197971	21866019.9	
4198102	HOYA LENS THAILAND LTD.	24/12/2021	4198102	21911104.4	
4198577	Hamamatsu Photonics K.K.	08/10/2021	4198577	21906112.4	
4198694	Qingdao Pico Technology Co., Ltd.	24/08/2021	4198694	21868407.4	
4198812	Huawei Technologies Co. Ltd.	30/07/2021	4198812	21860051.8	
4199240	LG Energy Solution, Ltd.	08/02/2022	4199240	22752958.3	
4200360	Vrije Universiteit Brussel	23/08/2021	4200360	21765926.7	
4200660	CREAL SA	20/08/2020	4200660	20764464.2	
4200733	Red Bend Ltd.	18/08/2021	4200733	21770342.0	
4200804	KLA Corporation	22/10/2020	4200804	20956447.5	
4201086	Apple Inc.	22/09/2021	4201086	21799155.3	
4201390	Harro Höfliger Verpackungsmaschinen GmbH	21/12/2021	4201390	21216624.3	German
4201571	Hitachi Construction Machinery Co., Ltd.	22/09/2021	4201571	21872493.8	
4202152	X-Floc Dämmtechnik-Maschinen GmbH	06/10/2022	4202152	22199962.6	German
4202696	INTEL Corporation	28/10/2022	4202696	22204293.9	
4202845	Shining 3D Tech Co., Ltd.	20/08/2021	4202845	21857776.5	
4203450	Nokia Technologies Oy	25/11/2022	4203450	22209531.7	
4203594	Nokia Solutions and Networks Oy	19/12/2022	4203594	22214462.8	
4203831	Avent, Inc.	19/08/2021	4203831	21769849.7	
4204698	Robert Bosch GmbH	14/07/2021	4204698	21745725.8	German
4205154	Siemens Aktiengesellschaft	17/09/2021	4205154	21782460.6	German
4205616	LG ELECTRONICS INC.	20/08/2021	4205616	21861977.3	
4205677	Biosense Webster (Israel) Ltd.	26/08/2022	4205677	22192374.1	
4205707	Wienert, Peter	22/12/2022	4205707	22216210.9	German
4205899	IMA Schelling Deutschland GmbH	29/12/2022	4205899	22217067.2	German
4206059	Kubota Corporation	22/10/2018	4206059	23157543.2	
4206528	General Electric Company	28/07/2022	4206528	22187422.5	
4206711	BYD Company Limited	24/09/2021	4206711	21871603.3	
4206876	LG Display Co., Ltd.	25/10/2022	4206876	22203694.9	
4207223	TOKIN Corporation	28/12/2022	4207223	22216875.9	
4207876	MEDIATEK INC.	20/12/2022	4207876	22215063.3	
4208953	QUALCOMM INCORPORATED	25/08/2021	4208953	21773226.2	
4209028	Lenovo (Singapore) Pte. Ltd.	02/09/2020	4209028	20767760.0	
4209180	Zhejiang Orient Gene Biotech Co., Ltd	20/05/2022	4209180	22174533.4	
4209856	Flir Belgium BVBA Teledyne Flir, LLC	15/06/2018	4209856	23159213.0	
4209863	Samsung Electronics Co., Ltd.	18/02/2020	4209863	23157201.7	
4210080	ALSTOM Holdings	09/01/2023	4210080	23150779.9	French
4210492	The Procter & Gamble Company	08/09/2021	4210492	21791213.8	
4210555	Maculaser Oy	10/09/2021	4210555	21866150.2	
4210812	Oscilloscope, LLC	08/09/2021	4210812	21867516.3	
4211335	GeoQuest Systems B.V.	13/09/2021	4211335	21867737.5	
4211683	VoiceAge Corporation	08/09/2021	4211683	21865422.6	
4212079	SharkNinja Operating LLC	28/01/2016	4212079	23159789.9	
4212129	Alcon Inc.	07/09/2017	4212129	23160196.4	
4212279	F.O.M. Industrie S.r.l.	10/01/2023	4212279	23150875.5	
4213104	Magic Leap, Inc.	21/02/2019	4213104	23159324.5	
4213728	Abbott Diabetes Care, Inc.	14/09/2021	4213728	21870054.0	
4214620	Cisco Technology, Inc.	09/09/2021	4214620	21787136.7	
4215139	Biosense Webster (Israel) Ltd.	19/01/2023	4215139	23152448.9	
4215736	Hamilton Sundstrand Corporation	20/01/2023	4215736	23152759.9	
4215843	Toshiba Carrier Corporation	15/09/2020	4215843	20954061.6	

4215992	Ricoh Company, Ltd.	18/01/2023	4215992	23152115.4	
4216023	Samsung Electronics Co., Ltd.	18/11/2021	4216023	21895130.9	
4216318	Dongguan Amperex Technology Limited	27/12/2022	4216318	22216835.3	
4216343	LG Energy Solution, Ltd.	07/06/2022	4216343	22820532.4	
4216454	NTT, Inc.	04/02/2013	4216454	23162696.1	
4216541	Panasonic Projector & Display Corporation	09/05/2017	4216541	23159119.9	
4216578	Kyocera Corporation	14/10/2021	4216578	21882714.5	
4216703	Kuhn SAS	14/09/2021	4216703	21777506.3	French
4216713	TMRW Life Sciences, Inc.	28/10/2020	4216713	20955465.8	
4216855	VascoMed GmbH	12/08/2021	4216855	21758706.2	
4216890	Alcon Inc.	17/09/2021	4216890	21786577.3	
4216951	Mirati Therapeutics, Inc. Array Biopharma, Inc.	21/09/2021	4216951	21873279.0	
4217727	Commissariat à l'Energie Atomique et aux Energies Alternatives	23/09/2021	4217727	21773641.2	French
4217850	Cisco Technology, Inc.	16/09/2021	4217850	21794275.4	
4217865	Blue Heron Development LLC	10/09/2021	4217865	21777288.8	
4218544	TOPCON CORPORATION	04/11/2022	4218544	22205583.2	
4218672	Edwards Lifesciences Corporation	15/12/2017	4218672	22216706.6	
4218706	Mizuho Orthopedic Systems, Inc	29/05/2018	4218706	22208674.6	
4218936	House Wellness Foods Corporation	21/09/2021	4218936	21872397.1	
4218954	Carrier Corporation	28/01/2022	4218954	22154064.4	
4219290	Brunswick Corporation	19/01/2023	4219290	23152367.1	
4219294	Airbus Operations Limited	26/01/2023	4219294	23153389.4	
4219401	Fujikura Ltd.	19/08/2021	4219401	21872044.9	
4219735	Abbott Diabetes Care	29/06/2018	4219735	23169741.8	
4219893	Weatherford Technology Holdings, LLC	15/08/2017	4219893	23173620.8	
4219903	RTX Corporation	29/11/2019	4219903	23165701.6	
4220109	Luxisens Technologies B.V.	01/02/2022	4220109	22154546.0	
4220367	Samsung Electronics Co., Ltd.	03/01/2018	4220367	23168794.8	
4220371	Google LLC	29/12/2016	4220371	23162753.0	
4220613	Shenzhen Gloshine Technology Co., Ltd.	26/04/2021	4220613	21733698.1	
4220674	STMicroelectronics (Tours) SAS	18/09/2019	4220674	23167146.2	French
4221282	Sony Group Corporation	17/02/2012	4221282	23164662.1	
4222451	Mercedes-Benz Group AG	16/06/2021	4222451	21736530.3	German
4222543	International Business Machines Corporation	20/09/2021	4222543	21785788.7	
4222887	QUALCOMM Incorporated	09/09/2021	4222887	21787275.3	
4223076	Google LLC	30/08/2021	4223076	21783091.8	
4223224	FUJIFILM Corporation	21/07/2021	4223224	21874874.7	
4223546	Barberan Latorre, Jesús Francisco	27/09/2021	4223546	21798404.6	
4223632	General Electric Company	25/08/2017	4223632	23166092.9	
4223992	GE Vernova Technology GmbH	03/02/2022	4223992	22154937.1	
4224073	Commissariat à l'Energie Atomique et aux Energies Alternatives	07/02/2023	4224073	23155385.0	French
4224271	Stiga S.p.A. in breve anche St. S.p.A.	02/02/2023	4224271	23154719.1	
4224651	ABB SCHWEIZ AG	04/02/2022	4224651	22155214.4	
4225014	Metallbau Papst GmbH	17/09/2021	4225014	21787297.7	German
4225116	iRobot Corporation	30/09/2021	4225116	21878258.9	
4225179	Smith & Nephew, Inc. Smith & Nephew Orthopaedics AG Smith & Nephew Asia Pacific Pte. Limited	07/10/2021	4225179	21798087.9	
4225233	Rapid Aid Corp.	08/11/2021	4225233	21888814.7	
4225988	Açelik Anonim Sirketi	12/07/2021	4225988	21878128.4	
4226186	Valeo Schalter und Sensoren GmbH	08/09/2021	4226186	21773379.9	German
4226636	Tencent America LLC	23/09/2022	4226636	22879093.7	
4226979	Twohandsinteractive Co., Ltd.	29/10/2020	4226979	20957793.1	
4227060	Politop s.r.l.	07/02/2023	4227060	23155408.0	
4227209	Yamaha Hatsudoki Kabushiki Kaisha	14/02/2023	4227209	23156494.9	
4227213	Rohr, Inc.	14/02/2023	4227213	23156649.8	
4227223	RTX Corporation	10/02/2023	4227223	23156146.5	
4227567	Sakura Rubber Co., Ltd.	05/10/2021	4227567	21877609.4	

4227615	Samsung Electronics Co., Ltd.	16/02/2022	4227615	22807586.7	
4227882	ASICS Corporation	17/11/2020	4227882	20962377.6	
4227912	Ampere SAS	20/01/2023	4227912	23152690.6	French
4228851	Maus Italia SpA	13/10/2021	4228851	21801656.6	
4228959	Dacoma ApS	18/10/2021	4228959	21794161.6	
4229368	Alcon Inc.	01/10/2021	4229368	21794640.9	
4229589	Microsoft Technology Licensing, LLC	20/07/2021	4229589	21752430.5	
4229854	Tencent America LLC	23/09/2022	4229854	22879092.9	
4230047	Tiecher, Mauro	31/12/2020	4230047	20957916.8	
4230088	Long, Shouguo	26/11/2020	4230088	20958504.1	
4230174	Covidien LP	18/02/2021	4230174	23185870.5	
4230183	Liko Research & Development AB	15/02/2023	4230183	23156702.5	
4230773	Kyoto University	14/10/2021	4230773	21880201.5	
	NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY De Nora Permelec Ltd				
4230867	Haier Smart Home Co., Ltd. Qingdao Haier Refrigerator Co., Ltd. Haier US Appliance Solutions, Inc.	18/11/2021	4230867	21893976.7	
4230982	TDK Corporation	16/02/2023	4230982	23156974.0	
4231028	Hamilton Sundstrand Corporation	15/02/2023	4231028	23156889.0	
4231104	United Machining Solutions Management AG	21/02/2022	4231104	22157845.3	
4231618	Deutsche Telekom AG	21/02/2023	4231618	23157836.0	
4233502	Horsch Maschinen GmbH	14/02/2023	4233502	23156531.8	German
4233724	Becton, Dickinson and Company	30/04/2019	4233724	23168686.6	
4233773	DePuy Ireland Unlimited Company	18/05/2017	4233773	23181569.7	
4233832	Dermcos GmbH	24/02/2022	4233832	22158419.6	German
4233995	Medtronic Inc.	06/05/2020	4233995	23168685.8	
4234100	Ricoh Company, Ltd.	22/02/2023	4234100	23157901.2	
4234230	3M Innovative Properties Company	04/12/2017	4234230	23179734.1	
4234338	NISSAN MOTOR CO., LTD. Ampere SAS	22/10/2020	4234338	20958582.7	
4234339	NISSAN MOTOR CO., LTD. Renault s.a.s	22/10/2020	4234339	20958583.5	
4234463	Fujifilm Business Innovation Corp.	09/07/2021	4234463	21926656.6	
4234694	Amgen Inc.	20/11/2013	4234694	23171500.4	
4234777	Polytex Sportbeläge Produktions-GmbH	11/02/2019	4234777	23173196.9	
4234821	Yanmar Holdings Co., Ltd.	02/02/2023	4234821	23154736.5	
4234839	Tape-Pro Drywall Tools Pty Limited	21/02/2023	4234839	23157756.0	
4234887	RTX Corporation	27/02/2023	4234887	23158883.1	
4234909	Renault s.a.s	14/02/2023	4234909	23156550.8	French
4235145	Fisher & Paykel Healthcare Limited	16/04/2015	4235145	23181816.2	
4235570	BULL SAS	28/02/2022	4235570	22305220.0	French
4235605	GLORY LTD.	09/02/2023	4235605	23155802.4	
4235624	Sony Group Corporation	15/02/2023	4235624	23156780.1	
4235729	Eaton Electrical Ltd.	22/02/2023	4235729	23158081.2	
4236044	Libertine FPE Ltd	01/02/2018	4236044	23163192.0	
4236103	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	14/04/2020	4236103	23179674.9	
4236476	Datang Mobile Communications Equipment Co., Ltd.	20/10/2021	4236476	21882041.3	
4237331	Safran Seats USA LLC	30/10/2020	4237331	20811896.8	
4237605	Lubrizol Advanced Materials, Inc.	26/10/2021	4237605	21824114.9	
4237813	Endress+Hauser SE+Co. KG	13/09/2021	4237813	21778366.1	German
4237847	Afton Chemical Corporation	28/10/2021	4237847	21815074.6	
4237863	CHECKPOINT SYSTEMS, INC.	28/10/2021	4237863	21887500.3	
4237999	Drayson Technologies (Europe) Limited	01/11/2021	4237999	21819172.4	
4238156	Commissariat à l'Energie Atomique et aux Energies Alternatives	28/10/2021	4238156	21811411.4	French
4238227	Google LLC	23/11/2021	4238227	21840225.3	

4238294	Telefonaktiebolaget LM Ericsson (publ)	28/10/2020	4238294	20803272.2	
4238379	Sony Group Corporation	29/10/2021	4238379	21802308.3	
4239200	SHIMADZU CORPORATION	01/02/2023	4239200	23154446.1	
4239328	ARKRAY, Inc.	06/02/2023	4239328	23155041.9	
4239576	Esate S.p.A.	04/03/2022	4239576	22160167.7	
4239620	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	22/02/2021	4239620	21926164.1	
4239733	Xerox Corporation	13/02/2023	4239733	23156299.2	
4240053	Tencent Technology (Shenzhen) Company Limited	18/11/2021	4240053	21913577.9	
4240311	L'OREAL	29/10/2021	4240311	21815284.1	
4240458	C. R. Bard, Inc.	19/11/2020	4240458	20962628.2	
4240514	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	27/10/2021	4240514	21793970.1	French
4240812	UOP LLC	05/11/2021	4240812	21890341.7	
4241586	Shenzhen Huachengda Precision Industry Co., Ltd.	21/01/2022	4241586	22888609.9	
4241890	KLEEMANN GMBH	06/02/2023	4241890	23155167.2	German
4242000	Hitachi Industrial Equipment Systems Co., Ltd.	04/11/2020	4242000	20960766.2	
4242498	Guangdong Welling Motor Manufacturing Co., Ltd.	26/09/2021	4242498	21905195.0	
4242789	Ricoh Company, Ltd.	06/02/2023	4242789	23155087.2	
4242791	Lenovo (Singapore) Pte. Ltd.	16/02/2023	4242791	23157064.9	
4242803	Samsung Electronics Co., Ltd.	02/12/2021	4242803	21901049.3	
4242904	Comet AG	06/10/2021	4242904	23184108.1	
4243013	Nureva Inc.	06/06/2017	4243013	23181354.4	
4243208	Huawei Technologies Co. Ltd.	03/03/2023	4243208	23160040.4	
4243315	Beijing Xiaomi Mobile Software Co., Ltd.	06/11/2020	4243315	20960418.0	
4243660	Wundermix GmbH	26/07/2022	4243660	22757902.6	German
4243738	ZuriMED Technologies AG	12/11/2021	4243738	21810017.0	
4243742	Medtronic, Inc.	10/11/2021	4243742	21892713.5	
4244054	Coeus Limited	26/10/2021	4244054	21819723.4	
4244342	Precision BioSciences, Inc.	12/11/2021	4244342	21824147.9	
4244669	Beijing Xiaomi Mobile Software Co., Ltd.	10/11/2020	4244669	20961037.7	
4245536	Bundesdruckerei GmbH	16/02/2023	4245536	23156948.4	German
4245579	WESTFALIA - Automotive GmbH	07/03/2023	4245579	23160361.4	German
4245589	Harman International Industries, Inc.	06/02/2023	4245589	23155077.3	
4246475	HYOSUNG TNS INC.	27/02/2023	4246475	23158691.8	
4247006	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	28/05/2018	4247006	23189034.4	German
4247271	Mazor Robotics Ltd.	02/11/2021	4247271	21815701.4	
4247277	Stryker Corporation	18/11/2021	4247277	21823438.3	
4247301	Medtronic, Inc.	22/11/2021	4247301	21827552.7	
4247459	W. L. Gore & Associates, Inc.	19/11/2021	4247459	21827310.0	
4247482	Boston Scientific Neuromodulation Corporation	19/10/2021	4247482	21807483.9	
4247802	R L Fine Chem Private Limited	16/07/2021	4247802	21943980.9	
4248065	SAFRAN AIRCRAFT ENGINES	17/11/2021	4248065	21820673.8	French
4248673	Microsoft Technology Licensing, LLC	30/09/2021	4248673	21806852.6	
4248843	Quanta Computer Inc.	24/08/2022	4248843	22191912.9	
4249050	Vision RT Limited	18/06/2020	4249050	23175087.8	
4249124	Lg Chem, Ltd.	08/07/2022	4249124	22842377.8	
4249367	Yamaha Hatsudoki Kabushiki Kaisha	01/06/2021	4249367	21894239.9	
4249473	Ningbo Combireg Pharmaceutical Technology Co., Ltd	25/10/2021	4249473	21893690.4	
4249715	GU Automatic GmbH	23/02/2023	4249715	23158178.6	German
4249755	Bestway Inflatables & Material Corp.	09/08/2022	4249755	22189395.1	
4250232	Panasonic Intellectual Property Corporation of America	16/11/2018	4250232	23187013.0	

4250324	Rockwell Automation Technologies, Inc.	23/02/2023	4250324	23158208.1	
4250431	LG Energy Solution, Ltd.	13/10/2022	4250431	22881361.4	
4250463	LG Energy Solution, Ltd.	04/02/2022	4250463	22781371.4	
4250613	Beijing Xiaomi Mobile Software Co., Ltd.	12/01/2018	4250613	23185924.0	
4250790	Microsoft Technology Licensing, LLC	23/05/2018	4250790	23185947.1	
4250898	Contemporary Ampere Technology (Hong Kong) Limited	26/10/2021	4250898	21961714.9	
4250966	Philip Morris Products, S.A.	29/11/2021	4250966	21823256.9	
4251449	AVL List GmbH	24/11/2021	4251449	21815357.5	German
4251478	A. Raymond et Cie	11/11/2021	4251478	21811499.9	
4251818	URSA Insulation, S.A.	29/11/2021	4251818	21823497.9	
4252148	Zhejiang Dahua Technology Co., Ltd	23/11/2021	4252148	21908995.0	
4252248	Sanofi	29/11/2021	4252248	21816079.4	
4253043	C.I. TAKIRON Corporation	30/11/2021	4253043	21919584.9	
4253263	Oberland M & V GmbH	17/12/2020	4253263	23183397.1	German
4253321	Jilin Jinobel Science and Technology Innovation Co., Ltd.	08/11/2021	4253321	21896762.8	
4253810	Bestway Inflatables & Material Corp.	26/09/2022	4253810	22197672.3	
4254136	Samsung Electronics Co., Ltd.	23/11/2018	4254136	23177823.4	
4254147	Apple Inc.	28/01/2021	4254147	23193039.7	
4254352	KAWASAKI JUKOGYO KABUSHIKI KAISHA	29/11/2021	4254352	21898156.1	
4254603	BYD Company Limited	13/05/2021	4254603	21916988.5	
4254679	Huawei Technologies Co. Ltd.	21/12/2021	4254679	21909358.0	
4254804	Yangtze Memory Technologies Co., Ltd.	05/05/2019	4254804	23193470.4	
4254852	Sun Patent Trust	04/12/2013	4254852	23192198.2	
4255551	Medtrum Technologies Inc.	23/08/2021	4255551	21899639.5	
4255752	GENTEX CORPORATION	18/02/2022	4255752	22755677.6	
4256304	Hach Company	30/11/2021	4256304	21835038.7	
4256935	Deere & Company	22/03/2023	4256935	23163540.0	
4256976	Firmenich SA	10/12/2019	4256976	23192839.1	
4257417	Nio Technology (Anhui) Co., Ltd	24/02/2023	4257417	23158384.0	
4257428	Trigano Van	23/02/2023	4257428	23158295.8	French
4257807	RTX Corporation	04/04/2023	4257807	23166639.7	
4257946	Geberit International AG	28/07/2022	4257946	22187475.3	
4258342	Cosmo Oil Lubricants Co., Ltd.	11/11/2021	4258342	21900386.0	
4258423	MAZDA MOTOR CORPORATION	27/03/2023	4258423	23164210.9	
4259223	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	14/12/2021	4259223	21908016.5	
4259270	Neuronano AB	10/12/2021	4259270	21903954.2	
4259935	VOLKSWAGEN AKTIENGESELLSCHAFT	08/12/2021	4259935	21836093.1	German
4259959	ITP SA	08/12/2020	4259959	20821199.5	French
4260084	Five AI Limited	18/01/2022	4260084	22704287.6	
4260126	Valeo Schalter und Sensoren GmbH	30/11/2021	4260126	21824508.2	
4260151	BASF SE	10/12/2021	4260151	21835712.7	
4260326	GDM Holding LLC	07/01/2022	4260326	22700895.0	
4260635	Samsung Electronics Co., Ltd.	03/02/2022	4260635	22750015.4	
4260679	Iseki & Co., Ltd.	12/04/2023	4260679	23167494.6	
4260835	MAS Innovation (Private) Limited	28/07/2020	4260835	23195801.8	
4260937	Hanwha Solutions Corporation	14/12/2021	4260937	21907192.5	
4261096	ALSTOM Holdings	12/04/2022	4261096	22305527.8	
4261389	PRATT & WHITNEY CANADA CORP.	17/04/2023	4261389	23168336.8	
4261573	Tsinghua University Nuctech Company Limited	25/11/2021	4261573	21902398.3	
4261848	Changchun Jetty Automotive Technology Co., Ltd.	10/12/2021	4261848	21902723.2	
4261969	LG Energy Solution, Ltd.	16/11/2022	4261969	22896047.2	
4261999	LG Energy Solution, Ltd.	19/10/2022	4261999	22896180.1	
4262231	Shenzhen Grandsun Electronic Co., Ltd.	18/05/2021	4262231	21940108.0	
4262609	Medtronic Navigation, Inc.	13/12/2021	4262609	21859389.5	
4263102	AB Sandvik Coromant	15/12/2021	4263102	21840461.4	

4263518	F. Hoffmann-La Roche AG	16/12/2021	4263518	21839167.0	
4263545	AMGEN INC.	15/12/2021	4263545	21847813.9	
4263885	Eco Metals Recovery (Holding) Limited	21/12/2021	4263885	21908200.5	
4264347	Viaphoton, Inc.	17/12/2021	4264347	21844518.7	
4264381	Endress+Hauser Process Solutions AG	18/11/2021	4264381	21816373.1	German
4264407	Eidetic Communications Inc.	17/12/2021	4264407	21908184.1	
4264920	Sling TV L.L.C.	15/12/2021	4264920	21843838.0	
4265204	Ethicon LLC	18/12/2020	4265204	23196612.8	
4265399	The Procter & Gamble Company	17/04/2023	4265399	23168289.9	
4265604	Shanghai Haiyan Pharmaceutical Technology Co., Ltd. Yangtze River Pharmaceutical Group Co., Ltd.	29/12/2021	4265604	21914449.0	
4265866	Rubi Tools Group, S.A.	04/11/2021	4265866	21963169.4	
4265942	Goodrich Corporation	19/04/2023	4265942	23168815.1	
4265987	Bluefors Oy	21/04/2022	4265987	22169180.1	
4266057	SALION GmbH	20/04/2022	4266057	22169087.8	
4266877	Salar Pursuits Limited	17/12/2021	4266877	21843894.3	
4267069	NICON-TEC GmbH	07/12/2021	4267069	21823584.4	German
4267394	EDF Europe S.r.l.	20/12/2021	4267394	21844398.4	
4267419	Stellantis Auto SAS	01/12/2021	4267419	21840649.4	French
4267500	Commissariat à l'Energie Atomique et aux Energies Alternatives	24/12/2021	4267500	21848019.2	French
4267767	Foundation Medicine, Inc.	21/12/2021	4267767	21912061.5	
4267892	Belimo Holding AG	11/11/2021	4267892	21814714.8	
4268087	Telesis Innovation AB	30/06/2021	4268087	21911667.0	
4268645	Mizuno Corporation	01/12/2021	4268645	21910174.8	
4268657	HJC Corp.	22/11/2021	4268657	21925917.3	
4268925	Donaldson Company, Inc.	20/02/2017	4268925	23194581.7	
4269064	LG Energy Solution, Ltd.	27/04/2023	4269064	23170443.8	
4269242	B/E Aerospace, Inc.	28/04/2023	4269242	23170692.0	
4269579	Ultragenyx Pharmaceutical Inc.	03/01/2020	4269579	23196931.2	
4270282	SNAG TAL GmbH	28/04/2023	4270282	23170729.0	German
4270435	Daicel Corporation	27/12/2021	4270435	21915293.1	
4270513	LG Energy Solution, Ltd.	21/12/2022	4270513	22911946.6	
4270694	Nexans	26/04/2022	4270694	22305616.9	
4270934	Samsung Electronics Co., Ltd.	10/02/2022	4270934	22752996.3	
4271467	NOVOCURE GMBH	29/12/2021	4271467	21848460.8	
4271863	GlobalWafers Co., Ltd.	29/12/2021	4271863	21848443.4	
4272057	META PLATFORMS TECHNOLOGIES, LLC	30/12/2021	4272057	21847901.2	
4272380	Hughes Network Systems, LLC	29/12/2021	4272380	21859326.7	
4272508	QUALCOMM INCORPORATED	29/10/2021	4272508	21815755.0	
4273021	Crown Equipment Corporation	24/10/2022	4273021	23197500.4	
4274163	Samsung Electronics Co., Ltd.	27/02/2020	4274163	23187034.6	
4274456	Globe (Jiangsu) Co., Ltd.	04/01/2022	4274456	22736505.3	
4274518	Choice Spine, LLC	11/01/2021	4274518	21918001.5	
4275016	AUDI AG	08/12/2021	4275016	21836390.1	German
4275312	QUALCOMM INCORPORATED	01/11/2021	4275312	21820063.2	
4275732	Fisher & Paykel Healthcare Limited	08/12/2017	4275732	23184853.2	
4276189	TriLink BioTechnologies, LLC	20/09/2016	4276189	23192203.0	
4276277	RTX Corporation	24/04/2023	4276277	23169609.7	
4276281	RTX Corporation	24/04/2023	4276281	23169584.2	
4276504	EXFO Inc.	09/05/2023	4276504	23172342.0	
4276665	CyberArk Software Ltd.	11/05/2023	4276665	23172959.1	
4276838	Vinh-Hung, Vincent Nguyen, Nam, P.	11/07/2018	4276838	23196073.3	
4276875	Daicel Corporation	07/01/2022	4276875	22736776.0	
4276902	Samsung Display Co., Ltd.	03/01/2022	4276902	22736791.9	
4277156	Apple Inc.	01/05/2020	4277156	23200040.6	
4277191	QUALCOMM Incorporated	31/07/2019	4277191	23195697.0	
4277426	Huawei Technologies Co. Ltd.	29/01/2021	4277426	21921889.8	

4278101	Tov, Yoav Shlomo	12/01/2022	4278101	22739260.2	
4278240	Naiad Maritime Group, Inc.	27/01/2022	4278240	22746594.5	
4278241	Cepheid	13/01/2022	4278241	22703142.4	
4278373	Applied Materials, Inc.	30/12/2021	4278373	21920078.9	
4278563	Microsoft Technology Licensing, LLC	03/12/2021	4278563	21831429.2	
4279802	Appleton Grp LLC	27/04/2023	4279802	23170456.0	
4280231	Prysmian S.p.A.	11/04/2023	4280231	23167271.8	
4280658	Vivo Mobile Communication Co., Ltd.	27/01/2022	4280658	22749023.2	
4280846	Samsung Display Co., Ltd.	11/05/2023	4280846	23172951.8	
4280980	Ultratellege USA Co., Limited	10/09/2021	4280980	21787158.1	
4281279	T.J.Smith and Nephew,Limited	21/01/2022	4281279	22701370.3	
4281609	LG Electronics Inc.	03/02/2022	4281609	22746329.6	
4281875	Computero Inc.	21/01/2022	4281875	22743280.4	
4281899	IMPINJ, Inc.	20/01/2022	4281899	22743184.8	
4281947	Google LLC	19/05/2021	4281947	21732692.5	
4282117	QUALCOMM INCORPORATED	13/01/2022	4282117	22705609.0	
4282218	Samsung Electronics Co., Ltd.	22/02/2022	4282218	22760008.7	
4282234	Hydraspecma AS	21/01/2021	4282234	21701883.7	
4282628	LINTEC CORPORATION	16/02/2022	4282628	22762974.8	
4282667	BRIDGESTONE CORPORATION	05/11/2021	4282667	21921190.1	
4282679	ArvinMeritor Technology, LLC	22/05/2023	4282679	23174442.6	
4282978	Gavish-Galilee Bio Applications Ltd.	28/09/2017	4282978	23203075.9	
4283517	Ernst-Abbe-Hochschule Jena	15/05/2023	4283517	23173293.4	German
4284626	BMB S.r.l.	27/01/2022	4284626	22704950.9	
4284655	De La Rue International Limited	28/01/2022	4284655	22703953.4	
4285101	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Karlsruher Institut für Technologie	01/02/2022	4285101	22702959.2	German
4285228	SALESFORCE, INC.	14/01/2022	4285228	22702846.1	
4285567	Zoom Communications, Inc.	27/01/2022	4285567	22704213.2	
4285572	Zoom Communications, Inc.	28/01/2022	4285572	22706710.5	
4285589	Dolby Laboratories Licensing Corporation Dolby International AB	01/02/2022	4285589	22703867.6	
4285775	Yugen Kaisha Sankusu	01/03/2021	4285775	21928961.8	
4285871	Appsocial.org Stiftung	20/09/2017	4285871	23205304.1	German
4286163	FUJIFILM Corporation	06/12/2021	4286163	21923139.6	
4286733	JINGYAN MECHANICAL & ELECTRICAL TOOLS CO., LTD, JINHUA	25/09/2022	4286733	22905491.1	
4286777	LG Electronics Inc.	04/01/2017	4286777	23199183.7	
4286839	Kyocera Corporation	27/01/2022	4286839	22745998.9	
4286968	Rockwell Automation Technologies, Inc.	15/05/2023	4286968	23173385.8	
4286981	Samsung Electronics Co., Ltd.	17/04/2023	4286981	23168172.7	
4286982	LG Electronics Inc.	30/05/2023	4286982	23176066.1	
4287151	Capital One Services, LLC	23/11/2020	4287151	23204758.9	
4287302	LG Energy Solution, Ltd.	09/06/2022	4287302	22833438.9	
4287387	LG Energy Solution Ltd.	27/01/2023	4287387	23757184.9	
4287720	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. ETRI - Electronics and Telecommunications Research Institute	12/02/2019	4287720	23186029.7	
4287840	Agro Innovation International	07/02/2022	4287840	22708194.0	French
4287869	Nicoventures Trading Limited	02/02/2022	4287869	22703365.1	
4287935	Mazor Robotics Ltd.	02/02/2022	4287935	22711669.6	
4287991	Tricare SAS	02/02/2022	4287991	22701662.3	
4288042	Anaka Pharmaceuticals, Inc.	03/02/2022	4288042	22706537.2	
4288132	Knightpoint, LLC	27/01/2022	4288132	22756683.3	
4288276	DyeMansion GmbH	24/02/2022	4288276	22708126.2	German
4288362	Windmüller & Hölscher KG	16/12/2021	4288362	21840506.6	German
4288507	Philergos Group Foundation	08/02/2022	4288507	22749353.3	
4288508	Philergos Group Foundation	08/02/2022	4288508	22749351.7	
4288703	Octopus Energy Heating Limited	07/02/2022	4288703	22709030.5	

4288889	OneTrust, LLC	08/02/2022	4288889	22707550.4	
4289104	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	07/02/2022	4289104	22704440.1	
4289208	Lenovo (Beijing) Limited	04/02/2021	4289208	21923727.8	
4289378	Eidea Inc.	19/11/2021	4289378	21929186.1	
4289672	Yilmaz, Akiska	05/06/2023	4289672	23000085.3	German
4290224	Stepan Company	12/07/2019	4290224	23205413.0	
4290322	Dassault Systèmes	07/06/2022	4290322	22305827.2	
4291145	Essity Hygiene and Health Aktiebolag	11/02/2021	4291145	21925954.6	
4291217	PHYTOBOKAZ	09/02/2022	4291217	22702744.8	French
4291445	FAMSA	11/02/2021	4291445	21704788.5	German
4291750	Weatherford Technology Holdings, LLC	11/01/2022	4291750	22703239.8	
4291797	Plansee SE	03/02/2022	4291797	22706227.0	German
4291868	Innowep GmbH	03/02/2022	4291868	22712492.2	German
4291935	Bertin Technologies	09/02/2022	4291935	22704384.1	French
4291941	Elbit Systems Ltd.	10/02/2022	4291941	22752458.4	
4292028	Altair Engineering Inc.	10/02/2022	4292028	22753330.4	
4292066	Antares Vision S.p.A.	15/02/2022	4292066	22710722.4	
4292078	Spotify AB	10/02/2022	4292078	22704573.9	
4292307	Samsung Electronics Co., Ltd.	22/06/2022	4292307	22828751.2	
4292494	Beijing Roborock Technology Co., Ltd.	09/02/2022	4292494	22752265.3	
4292499	Beijing Roborock Innovation Technology Co., Ltd.	10/02/2022	4292499	22752318.0	
4292639	Shenzhen Core Medical Technology Co., Ltd.	26/07/2022	4292639	22862959.8	
4292640	Nakatsugawa, Shigekazu	01/02/2022	4292640	22752634.0	
4293216	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	22/09/2021	4293216	21929857.7	
4293290	Langer, Ludwig	14/06/2023	4293290	23179318.3	German
4293592	Tata Consultancy Services Limited	14/06/2023	4293592	23179090.8	
4293725	Samsung Electronics Co., Ltd.	21/04/2023	4293725	23169315.1	
4293959	Juniper Networks, Inc.	08/12/2022	4293959	22212247.5	
4294375	Lonza Sales AG	17/02/2022	4294375	22709099.0	
4294543	Aalberts hfc B.V.	22/02/2022	4294543	22707163.6	
4294716	CENT RECH ARCHIT INDU NAUTIQUE	15/02/2022	4294716	22708995.0	French
4294990	Black Cat Wear Parts Ltd.	10/01/2022	4294990	22756667.6	
4295012	Atkins, Paul	08/02/2022	4295012	22755392.2	
4295105	Spectre Materials Sciences, Inc.	16/02/2022	4295105	22756848.2	
4295529	Centre for Development of Telematics	16/02/2022	4295529	22755659.4	
4295669	Greenworks (Jiangsu) Co., Ltd.	14/06/2023	4295669	23179160.9	
4296034	Krones AG	29/03/2023	4296034	23164998.9	German
4296117	Hyundai Mobis Co., Ltd.	15/06/2023	4296117	23179391.0	
4296509	SWISS KRONO Tec AG	21/06/2022	4296509	22180137.6	German
4296795	Casio Computer Co., Ltd.	19/06/2023	4296795	23180142.4	
4297041	Airs Medical Inc.	08/06/2021	4297041	21933347.3	
4297379	ICU Medical, Inc.	12/07/2019	4297379	23202338.2	
4297852	Medtronic, Inc.	21/02/2022	4297852	22709477.8	
4297954	Dutch Thermoplastic Components B.V.	24/02/2022	4297954	22709834.0	
4298013	Becker Marine Systems GmbH	22/02/2022	4298013	22707125.5	German
4298051	Nuovo Pignone Technologie - S.r.l.	23/02/2022	4298051	22707616.3	
4298435	Nova Biomedical Corporation	25/02/2021	4298435	21928288.6	
4298436	Tate, Stephen Guttman, Andras DH Technologies Development PTE. Ltd.	24/02/2022	4298436	22707889.6	
4298503	Bundesdruckerei GmbH	22/02/2022	4298503	22711908.8	German
4298975	LG Electronics Inc.	25/02/2022	4298975	22760117.6	
4299033	Medit Corp.	23/02/2022	4299033	22760037.6	
4299039	Razian, Hassan	19/06/2023	4299039	23315251.1	French
4299363	Huawei Digital Power Technologies Co., Ltd.	30/04/2021	4299363	21938454.2	
4299396	Great Wall Motor Company Limited	30/12/2021	4299396	21934709.3	
4299475	Daifuku Co., Ltd.	04/02/2022	4299475	22774705.2	

4299952	CNH Industrial Italia S.p.A.	23/06/2023	4299952	23181297.5	
4300142	Rockwell Collins, Inc.	16/06/2023	4300142	23179725.9	
4300274	Alps Alpine Co., Ltd.	19/06/2023	4300274	23179951.1	
4300600	Zhejiang Jinko Solar Co., Ltd. JINKO SOLAR CO., LTD	09/02/2023	4300600	23155926.1	
4300660	BYD Company Limited	22/06/2022	4300660	22831805.1	
4301000	Dolby International AB	22/02/2013	4301000	23210855.5	
4301628	Stellantis Auto SAS	22/02/2022	4301628	22707426.7	
4301631	Autoliv Development AB	24/02/2022	4301631	22709667.4	German
4301632	Autoliv Development AB	24/02/2022	4301632	22709669.0	German
4301655	TKMS GmbH thyssenkrupp AG	25/02/2022	4301655	22710536.8	German
4302272	QUALCOMM INCORPORATED	03/02/2022	4302272	22705360.0	
4302275	Microsoft Technology Licensing, LLC	23/02/2022	4302275	22709884.5	
4302283	ASSA ABLOY AB	22/02/2022	4302283	22707141.2	
4302626	Nike Innovate C.V.	25/11/2019	4302626	23196406.5	
4302852	Fidica GmbH & Co. KG	28/10/2022	4302852	22204373.9	German
4302976	Sumitomo Rubber Industries, Ltd.	06/07/2022	4302976	22183326.2	
4303025	Carimbos Nykon Indústria e Comércio S.A.	03/03/2022	4303025	22762272.7	
4303253	Hexcel Corporation	20/06/2017	4303253	23211855.4	
4303289	Henkel AG & Co. KGaA	07/07/2022	4303289	22183663.8	German
4303373	Wiedemann GmbH	04/07/2023	4303373	23183324.5	German
4303518	Hamilton Sundstrand Corporation	05/07/2023	4303518	23183714.7	
4304169	Qingdao Pico Technology Co., Ltd.	13/12/2021	4304169	21941718.5	
4304462	Becton, Dickinson and Company	19/04/2022	4304462	22726213.6	
4305287	SAFRAN	24/02/2022	4305287	22707184.2	French
4305496	Association Suisse Pour la Recherche Horlogère	22/02/2022	4305496	22707131.3	French
4305830	Cisco Technology, Inc.	23/02/2022	4305830	22709540.3	
4306422	PRATT & WHITNEY CANADA CORP.	13/07/2023	4306422	23185410.0	
4306530	Chubu University Educational Foundation	06/12/2021	4306530	21930331.0	
4306601	Mitsubishi Pencil Company, Limited	24/02/2022	4306601	22766849.8	
4306773	PRATT & WHITNEY CANADA CORP.	13/07/2023	4306773	23185424.1	
4307452	LG Energy Solution, Ltd.	17/01/2023	4307452	23756526.2	
4308429	Motional AD LLC	15/03/2022	4308429	22772067.9	
4310486	LG ENERGY SOLUTION, LTD.	25/10/2022	4310486	22907679.9	
4310595	CANON KABUSHIKI KAISHA	18/07/2023	4310595	23186093.3	
4310658	Samsung Electronics Co., Ltd.	14/07/2023	4310658	23185535.4	
4310927	Nichia Corporation	25/02/2022	4310927	22771056.3	
4310991	LG ENERGY SOLUTION, LTD.	07/02/2023	4310991	23756558.5	
4311443	JT International SA	27/07/2022	4311443	22187306.0	
4311964	Poggi, Laura	20/07/2023	4311964	23186631.0	
4312029	TDK Corporation	06/07/2023	4312029	23183862.4	
4312217	MediaTek Inc.	23/07/2023	4312217	23187131.0	
4312242	Littelfuse, Inc.	19/07/2023	4312242	23186521.3	
4312722	BIOTRONIK SE & Co. KG	16/02/2022	4312722	22706287.4	
4312785	AIXSCAN Inc.	01/04/2022	4312785	22782310.1	
4313268	Boston Scientific Neuromodulation Corporation	06/06/2022	4313268	22738798.2	
4313278	Boston Scientific Neuromodulation Corporation	06/06/2022	4313278	22740646.9	
4313648	MAN Truck & Bus SE	25/02/2022	4313648	22710021.1	German
4313693	Stellantis Auto SAS	23/02/2022	4313693	22712019.3	French
4314539	Stellantis Auto SAS	04/02/2022	4314539	22703930.2	German
4315661	Nokia Solutions and Networks Oy	08/03/2022	4315661	22779209.0	
4315725	Nokia Technologies Oy	24/03/2022	4315725	22718121.1	
4316229	Yanmar Holdings Co., Ltd.	04/02/2022	4316229	22774703.7	
4316605	DAIO PAPER CORPORATION	09/02/2022	4316605	22779562.2	
4316717	Jinan Uniarc Welding Technology Limited	11/03/2020	4316717	23208536.5	
4316920	Autoliv Development AB	02/02/2022	4316920	22779488.0	
4317719	NSK Ltd.	21/02/2022	4317719	22779644.8	
4317808	SMC Corporation	15/06/2022	4317808	23216407.9	

4318068	Nittoh Inc.	01/02/2022	4318068	22774679.9	
4318122	FUJIFILM Corporation	29/03/2022	4318122	22780941.5	
4318552	TDK Corporation	24/02/2022	4318552	22774872.0	
4318948	Eberspächer Controls Landau GmbH & Co. KG	29/06/2023	4318948	23182247.9	German
	Eberspächer Controls Esslingen GmbH & Co. KG				
4320138	Bachem AG	08/04/2022	4320138	22721095.2	
4320420	Sensirion AG	09/04/2021	4320420	21719079.2	
4320738	QUALCOMM INCORPORATED	28/01/2022	4320738	22708643.6	
4321319	Zhejiang Deyan New Materials Technology Co. Ltd.	25/11/2022	4321319	22209532.5	
4321381	Coplus Inc.	16/06/2023	4321381	23179744.0	
4321536	Hefei TG Immunopharma Co., Ltd.	22/06/2022	4321536	22902772.7	
4321935	Ricoh Company, Ltd.	26/07/2023	4321935	23187965.1	
4322038	NTT, Inc.	10/05/2021	4322038	21941810.0	
4322242	Panasonic Intellectual Property Management Co., Ltd.	02/02/2022	4322242	22784322.4	
4322248	LG Energy Solution, Ltd.	30/09/2022	4322248	22878836.0	
4322287	LG Energy Solution, Ltd.	14/04/2023	4322287	23792113.5	
4322410	STMicroelectronics S.r.l.	27/07/2023	4322410	23188080.8	
4322414	Nokia Technologies Oy	19/07/2023	4322414	23186264.0	
4322516	Sony Semiconductor Solutions Corporation	21/02/2022	4322516	22784356.2	
4322850	WS Audiology A/S	08/04/2022	4322850	22721371.7	
4324336	Nagase & Co., Ltd.	30/03/2022	4324336	22788048.1	
4324517	Jeisys Medical Inc.	27/04/2022	4324517	22807670.9	
4324620	Nissei ASB Machine Co., Ltd.	13/04/2022	4324620	22788193.5	
4324768	Ocado Innovation Limited	16/05/2018	4324768	24150600.5	
4325080	B/E Aerospace, Inc.	02/08/2023	4325080	23189182.1	
4325196	Transportation IP Holdings, LLC	07/08/2023	4325196	23190080.4	
4325488	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	06/02/2015	4325488	23219897.8	
4326046	HUSQVARNA AB	29/09/2021	4326046	21789854.3	
4326156	Ultrasight Ltd	10/04/2022	4326156	22791253.2	
4326248	Universität Zürich	24/04/2022	4326248	22724768.1	
4327003	Mack & Schneider GmbH	22/04/2022	4327003	22725391.1	German
4327128	Orica International Pte Ltd	19/04/2022	4327128	22790602.1	
4327242	Microsoft Technology Licensing, LLC	02/04/2022	4327242	22722916.8	
4327542	Solsten, Inc.	19/04/2022	4327542	22792327.3	
4328097	Autoliv Development AB	20/04/2022	4328097	22791763.0	
4328166	Hitachi, Ltd.	20/04/2021	4328166	21937848.6	
4328725	Beijing Zitiao Network Technology Co., Ltd.	10/05/2022	4328725	22803824.6	
4328871	Rockwell Collins, Inc.	24/08/2023	4328871	23193178.3	
4328931	Whoop, Inc.	24/08/2023	4328931	23193164.3	
4328966	INTEL Corporation	11/07/2023	4328966	23184593.4	
4329995	Wahl Clipper Corporation	24/02/2022	4329995	22796317.0	
4330164	Autostore Technology AS	20/04/2022	4330164	22724006.6	
4330486	Geoplast SpA	07/07/2021	4330486	21752156.6	
4330771	Ricoh Company, Ltd.	25/04/2022	4330771	22721481.4	
4331062	Siemens Energy Global GmbH & Co. KG	30/05/2022	4331062	22734150.0	
4331068	ABB SCHWEIZ AG	29/04/2021	4331068	21726453.0	
4331249	QUALCOMM INCORPORATED	24/02/2022	4331249	22711124.2	
4331422	ASICS Corporation	30/08/2023	4331422	23194377.0	
4331874	Zhejiang Sanhua Automotive Components Co., Ltd.	22/04/2022	4331874	22794769.4	
4331907	CALB Co., Ltd.	09/11/2022	4331907	22206358.8	
4332477	Samsung Electronics Co., Ltd.	23/06/2022	4332477	22867515.3	
4332478	LG Electronics Inc.	11/08/2023	4332478	23191003.5	
4332970	Samsung Electronics Co., Ltd.	29/08/2023	4332970	23193824.2	
4333737	Teleflex Medical LLC	06/05/2022	4333737	22799813.5	

4333914	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Universität des Saarlandes	27/04/2022	4333914	22726066.8	German
4334532	Aburnet Limited	09/05/2022	4334532	22741816.7	
4335420	The Procter & Gamble Company	15/02/2018	4335420	24153610.1	
4335424	Blake Medical Group Inc.	12/09/2023	4335424	23196765.4	
4335914	Henkel AG & Co. KGaA	07/09/2022	4335914	22194253.5	German
4336152	Rosemount Tank Radar AB	09/09/2022	4336152	22194779.9	
4336304	Beijing Xiaomi Mobile Software Co., Ltd.	28/12/2022	4336304	22216887.4	
4336421	TBM Co., Ltd.	07/06/2022	4336421	22944070.6	
4336457	CANON KABUSHIKI KAISHA	11/08/2023	4336457	23190975.5	
4336502	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	08/11/2018	4336502	23218359.0	
4336991	Everspin Technologies, Inc.	22/08/2019	4336991	23191241.1	
4337113	DePuy Synthes Products, Inc.	10/05/2022	4337113	22725544.5	
4337588	Liebherr-Components Kirchdorf GmbH	21/07/2022	4337588	22751753.9	German
4337780	Telomere Therapeutics SL Fundación del Sector Público Estatal Centro Nacional de Investigaciones Oncológicas Carlos III (F.S.P. CNIO) Universitat Autònoma De Barcelona	12/05/2022	4337780	22729147.3	
4337897	STEGO Holding GmbH	12/05/2022	4337897	22728876.8	German
4338017	Siemens Aktiengesellschaft	24/06/2022	4338017	22740781.4	
4338144	Netradyne, Inc.	08/06/2022	4338144	22820940.9	
4338657	Seed Co., Ltd. Keio University	11/07/2022	4338657	22842089.9	
4338697	Orthosoft ULC	13/09/2023	4338697	23197254.8	
4338775	Air Liquide Medical Systems Air Liquide Medical Systems S.r.l.	19/09/2022	4338775	22196394.5	
4339358	Kolon Industries, Inc. KT & G Corporation	21/09/2022	4339358	22876748.9	
4339543	Zhenhai Petrochemical Jianan Engineering Co., Ltd.	14/05/2021	4339543	21941407.5	
4339584	Veltek Associates, Inc.	19/07/2017	4339584	24155205.8	
4339661	Daejoo Electronic Materials Co., Ltd.	09/05/2022	4339661	22807739.2	
4339717	Niko NV	12/09/2023	4339717	23196834.8	
4339775	Rockwell Automation Technologies, Inc.	07/07/2023	4339775	23184133.9	
4340026	GlobalFoundries U.S. Inc.	28/07/2023	4340026	23188284.6	
4341155	SH Group A/S	05/10/2021	4341155	21790110.7	
4341190	Magnetek Inc.	13/04/2022	4341190	22805138.9	
4341767	Microsoft Technology Licensing, LLC	05/04/2022	4341767	22718509.7	
4341785	Snap Inc.	17/05/2022	4341785	22735674.8	
4342097	Telefonaktiebolaget LM Ericsson (publ)	21/05/2021	4342097	21728054.4	
4342837	Hiab AB	22/09/2022	4342837	22197051.0	
4343087	dormakaba Schweiz AG	21/09/2022	4343087	22196965.2	German
4343165	Hamilton Sundstrand Corporation	23/09/2022	4343165	22197559.2	
4343707	Brainlab SE	15/05/2014	4343707	24152320.8	
4343946	LG Energy Solution, Ltd.	27/12/2022	4343946	22916718.4	
4344632	DexCom, Inc.	16/09/2013	4344632	23216671.0	
4344724	Allurion Technologies, LLC	26/02/2019	4344724	24158123.0	
4344915	Ningbo Geely Automobile Research & Development Co. Ltd. Zhejiang Geely Holding Group Co., Ltd.	28/09/2022	4344915	22198356.2	
4345427	Krohne Messtechnik GmbH	27/09/2023	4345427	23200098.4	German
4345529	Qingdao Pico Technology Co., Ltd.	24/08/2022	4345529	22871738.5	
4345562	Rockwell Automation Technologies, Inc.	20/09/2023	4345562	23198474.1	
4345589	Apple Inc.	29/03/2019	4345589	24157846.7	
4345738	Qingdao Pico Technology Co., Ltd	28/02/2022	4345738	22871320.2	
4345991	LG Energy Solution, Ltd.	17/04/2023	4345991	23792125.9	
4346225	CANON KABUSHIKI KAISHA	22/09/2023	4346225	23199070.6	
4346440	Givaudan SA	31/05/2022	4346440	22730913.5	
4346489	Alpinestars Research S.p.A.	27/05/2022	4346489	22729300.8	

4346572	Harman International Industries, Incorporated	28/05/2021	4346572	21749361.8	
4346772	GILEAD SCIENCES, INC.	25/05/2022	4346772	22735692.0	
4346920	Istituto Nazionale di Astrofisica	03/06/2022	4346920	22734042.9	
4348278	Solmax International Inc.	02/06/2021	4348278	21943973.4	
4348932	Microsoft Technology Licensing, LLC	05/05/2022	4348932	22725111.3	
4349042	Koninklijke Philips N.V.	31/05/2022	4349042	22734169.0	
4349348	Dexon Pharmaceuticals Inc.	17/01/2022	4349348	22810821.3	
4350618	Contemporary Amperex Technology (Hong Kong) Limited	21/03/2023	4350618	23740921.4	
4350651	SSenStone Inc.	16/07/2019	4350651	24159621.2	
4350655	E.I. Technology Unlimited Company	11/03/2020	4350655	24159781.4	
4350663	Astemo, Ltd.	26/04/2022	4350663	22811108.4	
4350904	TE Connectivity Solutions GmbH	13/09/2023	4350904	23197154.0	
4351037	Frontier Communications Holdings, LLC	11/11/2022	4351037	24159521.4	
4351417	Inspire Medical Systems, Inc.	09/06/2022	4351417	22738814.7	
4351485	Howmedica Osteonics Corp.	28/06/2022	4351485	22856384.7	
4351506	Ankh Life Sciences Limited	10/06/2022	4351506	22821132.2	
4351856	Siempelkamp Maschinen- und Anlagenbau GmbH	31/05/2022	4351856	22731562.9	German
4351863	Amcor Rigid Packaging USA, LLC	10/06/2021	4351863	21945339.6	
4351869	Mubea Carbo Tech GmbH	01/06/2022	4351869	22732085.0	
4352314	Schul International Co., LLC	31/01/2023	4352314	23760521.7	
4352393	GEA Tuchenhausen GmbH	09/06/2022	4352393	22732213.8	German
4352414	BDR Thermea Group B.V.	31/05/2022	4352414	22730558.8	
4352523	Cisco Technology, Inc.	03/06/2022	4352523	22740616.2	
4353464	adidas AG	13/10/2023	4353464	23203435.5	
4353540	BYD Company Limited	30/01/2019	4353540	24159607.1	
4353612	Eli Lilly and Company	14/02/2019	4353612	24160226.7	
4353639	LG ENERGY SOLUTION, LTD.	07/02/2023	4353639	23753101.7	
4353933	Abloy Oy	10/10/2022	4353933	22200544.9	
4353946	MIT Innovation Sdn Bhd	11/04/2013	4353946	24161399.1	
	Petrolia Nasional Berhad (Petronas)				
4354123	LG Energy Solution, Ltd.	22/08/2022	4354123	22881191.5	
4354163	LG Energy Solution, Ltd.	15/09/2022	4354163	22881228.5	
4354556	Contemporary Amperex Technology (Hong Kong) Limited	15/12/2021	4354556	21967645.9	
4354673	Tyco Electronics Technology (SIP) Ltd. Tyco Electronics (Suzhou) Ltd. Tyco Electronics (Shanghai) Co., Ltd.	11/10/2023	4354673	23202886.0	
4354674	Yazaki Corporation	11/10/2023	4354674	23202934.8	
	MAZDA MOTOR CORPORATION				
4355063	Commissariat à l'Energie Atomique et aux Energies Alternatives	13/10/2023	4355063	23203612.9	French
4355167	SEB S.A.	15/06/2022	4355167	22744495.7	French
4355195	Neko Health AB	05/05/2022	4355195	22728124.3	
4355399	Namon, Ari	14/06/2022	4355399	22825643.4	
4355620	Valeo Electrification	03/06/2022	4355620	22731655.1	French
4356025	ABB SCHWEIZ AG	17/06/2021	4356025	21945480.8	
4356632	Telefonaktiebolaget LM Ericsson (publ)	15/06/2021	4356632	21735404.2	
4357069	State Grid Anhui Electric Power Co., Ltd. State Grid Fuyang Electric Power Supply Company	24/02/2022	4357069	22827014.6	
4357507	BSH Hausgeräte GmbH	02/10/2023	4357507	23201167.6	German
4357687	Panasonic Intellectual Property Management Co., Ltd.	19/10/2023	4357687	23204729.0	
4358870	Edwards Lifesciences Corporation	13/06/2022	4358870	22738190.2	
4359032	Johnson & Johnson Surgical Vision, Inc.	02/06/2022	4359032	22731324.4	
4359135	Metso USA Inc.	20/06/2022	4359135	22741932.2	
4359788	Dionex Softron GmbH	24/06/2022	4359788	22735893.4	
4360247	Giesecke+Devrient ePayments GmbH	23/06/2022	4360247	22740771.5	German
4360388	Telefonaktiebolaget LM Ericsson (publ)	25/06/2021	4360388	21737398.4	

4360413	Valeo Electrification	14/06/2022	4360413	22737368.5	French
4360726	Phoenixdarts Co., Ltd.	23/06/2022	4360726	22828802.3	
4361386	Thermo Electron LED GmbH	25/10/2023	4361386	23205753.9	
4361763	Samsung Electronics Co., Ltd.	02/11/2022	4361763	22916370.4	
4361968	Volvo Car Corporation	28/10/2022	4361968	22204515.5	
4362017	MediaTek Inc.	28/09/2023	4362017	23200671.8	
4362130	LG Energy Solution, Ltd.	22/07/2022	4362130	22846296.6	
4362390	Bayerische Motoren Werke Aktiengesellschaft	27/10/2022	4362390	22204182.4	
4362503	Anker Innovations Technology Co., Ltd.	01/11/2023	4362503	23207277.7	
4363379	Veolia Water Solutions & Technologies Support	24/06/2022	4363379	22737631.6	French
4363726	Nordicco A/S	16/06/2022	4363726	22738542.4	
4363773	Siemens Energy Global GmbH & Co. KG	02/08/2021	4363773	21762547.4	
4363900	Smiths Detection France S.A.S.	28/06/2022	4363900	22747091.1	
4363912	Roxtec AB	27/06/2022	4363912	22738081.3	
4363997	Microsoft Technology Licensing, LLC	28/06/2022	4363997	22748525.7	
4365364	WUXI LITTLE SWAN ELECTRIC CO., LTD.	27/06/2023	4365364	23843968.1	
4365527	Gyptech AB	02/11/2022	4365527	22205112.0	
4365866	Panasonic Intellectual Property Management Co., Ltd.	22/02/2022	4365866	22832429.9	
4366038	LG Energy Solution, Ltd.	07/12/2022	4366038	22922353.2	
4366276	Murrelektronik GmbH	27/10/2023	4366276	23206485.7	German
4367491	Université Grenoble Alpes Institut Polytechnique de Grenoble Centre National de la Recherche Scientifique	05/07/2022	4367491	22751769.5	French
4368932	Danfoss A/S	14/11/2022	4368932	22207325.6	
4369151	MAGIC LEAP, INC.	06/02/2020	4369151	24166847.4	
4369373	ABB SCHWEIZ AG	25/02/2020	4369373	24159078.5	
4369629	SHARP Kabushiki Kaisha	09/02/2023	4369629	23155818.0	
4369947	Givaudan SA	15/07/2022	4369947	22741543.7	
4370234	Stamicarbon B.V.	15/07/2022	4370234	22744328.0	
4370375	Valeo Vision	11/07/2022	4370375	22741297.0	French
4370817	Ham-Let (Israel-Canada) Ltd.	27/06/2022	4370817	22841606.1	
4370880	Kamstrup A/S	07/07/2022	4370880	22743735.7	
4370891	Sew-Eurodrive GmbH & Co. KG	20/06/2022	4370891	22735304.2	German
4371034	Stellantis Auto SAS	02/06/2022	4371034	22734509.7	German
4371234	Dolphin Semiconductor	15/07/2022	4371234	22753632.3	
4371289	Telefonaktiebolaget LM Ericsson (publ)	08/07/2022	4371289	22747429.3	
4372263	Yokohama City Taisei Kiko Co., Ltd.	24/06/2022	4372263	22841911.5	
4372376	Just-Evotec Biologics, Inc.	21/02/2019	4372376	24161128.4	
4372415	Aptiv Technologies AG	16/11/2022	4372415	22207741.4	
4372636	Innovation Academy for Microsatellites of CAS Shanghai Engineering Center for Microsatellites	12/07/2021	4372636	21949552.0	
4373740	Caterpillar Inc.	06/07/2022	4373740	22748615.6	
4373784	BASF SE	13/07/2022	4373784	22748044.9	German
4374075	Hitachi Global Air Power US, LLC	22/07/2021	4374075	21951086.4	
4375450	I4F LICENSING NV	27/07/2021	4375450	24167892.9	
4376160	LG Energy Solution, Ltd.	08/06/2023	4376160	23820122.2	
4376477	Honor Device Co., Ltd.	21/02/2023	4376477	23832670.6	
4376935	6D Tape Inc.	29/07/2022	4376935	22751767.9	
4376981	EOS GmbH Electro Optical Systems	31/05/2022	4376981	22732461.3	German
4377110	VOLKSWAGEN AKTIENGESELLSCHAFT	27/07/2022	4377110	22757927.3	German
4377416	Nanografi Nano Teknoloji Anonim Sirketi	29/12/2022	4377416	22917643.3	
4377553	Reflex Instruments Asia Pacific Pty Ltd	19/07/2022	4377553	22847710.5	
4377642	Pietro Fiorentini S.p.A.	29/07/2022	4377642	22760784.3	

4378311	Barna Import Medica, S.A.	30/11/2022	4378311	22383160.3	
4378352	Fasteners for Retail, Inc.	06/06/2019	4378352	24170311.5	
4378826	Airbus Operations GmbH	30/11/2022	4378826	22210457.2	
4378882	Infineon Technologies AG	01/12/2022	4378882	22210912.6	
4379088	Beijing NAURA Microelectronics Equipment Co., Ltd.	20/07/2022	4379088	22848360.8	
4379120	QINGDAO HAIER LAUNDRY ELECTRIC APPLIANCES CO., LTD. Haier Smart Home Co., Ltd.	17/06/2022	4379120	22848100.8	
4379121	QINGDAO HAIER LAUNDRY ELECTRIC APPLIANCES CO., LTD. Haier Smart Home Co., Ltd.	17/06/2022	4379121	22848101.6	
4380324	LG Energy Solution, Ltd.	22/09/2022	4380324	22881241.8	
4381907	Medtronic, Inc.	14/07/2022	4381907	22754213.1	
4382013	BSH Hausgeräte GmbH	14/11/2023	4382013	23209612.3	German
4382323	CNH Industrial Italia S.p.A.	30/11/2023	4382323	23213481.7	
4382416	AIRBUS HELICOPTERS DEUTSCHLAND GmbH Airbus Helicopters	08/12/2022	4382416	22315322.2	
4382895	Unity Semiconductor	08/12/2022	4382895	22315316.4	
4383392	Samsung SDI Co., Ltd.	05/10/2023	4383392	23201858.0	
4384371	Windmüller & Hölscher KG	13/07/2022	4384371	22751345.4	German
4384703	Siemens Gamesa Renewable Energy A/S	04/08/2022	4384703	22760966.6	
4384877	Universal Electronics, Inc.	13/09/2022	4384877	22873424.0	
4384885	QUALCOMM INCORPORATED	03/08/2022	4384885	22758407.5	
4385380	Samsung Electronics Co., Ltd.	24/10/2022	4385380	22895876.5	
4385462	Aesculap AG	14/12/2023	4385462	23216655.3	German
4385637	Amada Co., Ltd.	08/08/2022	4385637	22855869.8	
4385688	BIC Violex Single Member S.A.	14/12/2022	4385688	22213571.7	
4385749	Volvo Car Corporation	15/12/2023	4385749	23217018.3	
4385821	Hyundai Mobis Co., Ltd.	19/06/2023	4385821	23179920.6	
4386073	NOF Corporation	01/08/2022	4386073	22855812.8	
4386354	Tecan Trading AG	14/12/2022	4386354	22213600.4	
4386389	Tecan Trading AG	14/12/2022	4386389	22213596.4	
4386565	Winbond Electronics Corp.	05/12/2023	4386565	23214329.7	
4387282	Apple Inc.	22/05/2020	4387282	24173644.6	
4387572	OSSUR ICELAND EHF	18/08/2022	4387572	22768543.5	
4388193	General Electric Renovables España S.L.	20/08/2021	4388193	21755343.7	
4388250	Rahman, Sajidur	18/08/2022	4388250	22765888.7	
4388323	Robert Bosch GmbH	18/08/2022	4388323	22768305.9	German
4388398	Apple Inc.	20/09/2022	4388398	22787092.0	
4388911	Unknown Behaviours Ltd.	21/12/2023	4388911	23218963.9	
4389456	Sumitomo Rubber Industries, Ltd.	30/11/2023	4389456	23213358.7	
4389559	Siemens Mobility GmbH	22/12/2022	4389559	22215882.6	German
4389955	Samsung Electronics Co., Ltd.	19/01/2023	4389955	23747259.2	
4390356	ROSEMOUNT AEROSPACE INC.	27/12/2023	4390356	23220344.8	
4390607	Delta Dore	19/12/2023	4390607	23217899.6	French
4391082	Commissariat à l'Energie Atomique et aux Energies Alternatives	22/12/2023	4391082	23219606.3	French
4391856	HBN Shoe, LLC	08/11/2022	4391856	22899276.4	
4391873	Caffitaly System S.P.A.	27/09/2022	4391873	22793226.6	
4392681	Feda S.r.l.	23/08/2022	4392681	22764470.5	
4392864	ORACLE INTERNATIONAL CORPORATION	05/08/2022	4392864	22765296.3	
4393636	Zhangjiagang Rongsheng Special Steel Co. Ltd. Jiangsu Shagang Group Co., Ltd. Institute Of Research Of Iron And Steel, Jiangsu Province/Sha-Steel, Co. Ltd (CN)	25/02/2022	4393636	22918013.8	
4393793	JTEKT CORPORATION TOYOTA JIDOSHA KABUSHIKI KAISHA	21/12/2023	4393793	23219021.5	

4394407	LG Energy Solution, Ltd.	14/10/2022	4394407	22887441.8	
4394483	Valeo Comfort and Driving Assistance	12/12/2023	4394483	23215806.3	French
4394517	CANON KABUSHIKI KAISHA	21/12/2023	4394517	23219137.9	
4394696	Nuctech Company Limited Tsinghua University	08/07/2022	4394696	22860072.2	
4395031	LG Energy Solution, Ltd.	21/04/2023	4395031	23796705.4	
4395073	PICOSATS S.R.L.	06/12/2023	4395073	23214600.1	
4396416	Doosan Bobcat North America, Inc.	02/09/2022	4396416	22777852.9	
4396472	FP Business Invest	01/09/2022	4396472	22772503.3	French
4396545	Endress+Hauser SE+Co. KG	22/07/2022	4396545	22747715.5	German
4396676	International Business Machines Corporation	25/08/2022	4396676	22769224.1	
4397435	RAI Strategic Holdings, Inc.	18/05/2016	4397435	24177141.9	
4397616	NEXION S.p.A.	04/01/2024	4397616	24150341.6	
4397859	Graco Minnesota Inc.	22/10/2009	4397859	24178581.5	
4397939	Melexis Technologies SA	28/08/2018	4397939	24177159.1	
4397981	POSTECH Research and Business Development Foundation	22/11/2023	4397981	23211540.2	
4398202	The Toro Company	23/06/2021	4398202	24169983.4	
4398207	Chengdu Jouav Automation Tech Co., Ltd.	16/05/2022	4398207	22862730.3	
4398217	NISSAN MOTOR Co., Ltd. Renault s.a.s	12/07/2019	4398217	24177555.0	
4398297	Google LLC	01/12/2020	4398297	24178032.9	
4399499	Koninklijke Philips N.V.	31/08/2022	4399499	22772851.6	
4399572	ASML Netherlands B.V.	04/08/2022	4399572	22761995.4	
4399597	Microsoft Technology Licensing, LLC	19/07/2022	4399597	22754620.7	
4400276	NISSAN MOTOR CO., LTD.	22/06/2022	4400276	22867021.2	
4400387	Zonzini, Arianna Zonzini, Claudio Zonzini, Laura Zonzini, Jacopo	25/09/2023	4400387	23199286.8	
4400641	BSH Hausgeräte GmbH	12/12/2023	4400641	23215923.6	German
4400738	Goodrich Corporation	12/01/2024	4400738	24151660.8	
4400769	WELBILT Deutschland GmbH	15/01/2024	4400769	24151897.6	German
4400796	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	28/12/2023	4400796	23220462.8	
4400999	Tencent Technology (Shenzhen) Company Limited	23/05/2023	4400999	23869660.3	
4401073	Microsoft Technology Licensing, LLC	15/12/2020	4401073	24164657.9	
4401740	Arjil Biotech Holding Company Limited	13/09/2022	4401740	22868387.6	
4402289	Transplant Genomics, Inc. Northwestern University	15/09/2022	4402289	22786633.2	
4402437	Mobileye Vision Technologies Ltd.	13/09/2022	4402437	22866869.5	
4403330	Towa Corporation	22/06/2022	4403330	22869658.9	
4403770	Hamilton Sundstrand Corporation	17/01/2024	4403770	24152428.9	
4404327	BYD Company Limited	30/11/2022	4404327	22913988.6	
4404525	Panasonic Intellectual Property Corporation of America	06/09/2022	4404525	22869856.9	
4404526	Panasonic Intellectual Property Corporation of America	06/09/2022	4404526	22869857.7	
4404956	Oslo Universitetssykehus HF Universitetet I Oslo	20/09/2022	4404956	22783553.5	
4405047	CB21 Pharma, S.R.O.	07/09/2022	4405047	22782447.1	
4405230	Armorgard Holdings Limited	23/09/2022	4405230	22786972.4	
4405634	RUAG Ammotec AG	15/09/2022	4405634	22793677.0	German
4405642	Endress+Hauser Flowtec AG	17/08/2022	4405642	22765548.7	German
4405788	Apple Inc.	21/09/2022	4405788	22790117.0	
4405835	PAIGE.AI, Inc.	31/08/2022	4405835	22777903.0	
4405943	Google LLC	09/11/2021	4405943	21820039.2	
4406245	Qualcomm Incorporated	05/08/2022	4406245	22773366.4	
4406475	Medit Corp.	19/02/2020	4406475	24180979.7	
4407305	B. Braun Avitum AG	19/01/2024	4407305	24152802.5	German

4407800	Samsung Electronics Co., Ltd.	21/10/2022	4407800	22901575.5	
4408018	Audio-Technica Corporation	08/09/2022	4408018	22903806.2	
4408281	Medtrum Technologies Inc.	27/09/2021	4408281	21958011.5	
4409071	Plasser & Theurer, Export von Bahnbaumaschinen, Gesellschaft m.b.H.	28/09/2022	4409071	22782547.8	German
4409388	International Business Machines Corporation	13/09/2022	4409388	22773005.8	
4409470	Deeping Source Inc.	28/11/2022	4409470	22899127.9	
4410183	Administración General De La Comunidad Autónoma De Euskadi Universidad del País Vasco/Euskal Herriko Unibertsitatea	30/09/2022	4410183	22835856.0	
4410187	Moleculight Inc.	02/02/2024	4410187	24155499.7	
4410529	Bridgestone Europe NV/SA	03/02/2023	4410529	23382102.4	
4410996	Gil Medical Center	30/09/2022	4410996	22876985.7	
4411086	ACO Ahlmann SE & Co. KG	01/02/2024	4411086	24155242.1	German
4411183	Georg Fischer Rohrleitungssysteme AG	03/02/2023	4411183	23154812.4	German
4411194	REHAU Industries SE & Co. KG	05/01/2024	4411194	24150523.9	German
4411227	PRATT & WHITNEY CANADA CORP.	02/02/2024	4411227	24155525.9	
4411229	PRATT & WHITNEY CANADA CORP.	02/02/2024	4411229	24155606.7	
4411242	PRATT & WHITNEY CANADA CORP.	02/02/2024	4411242	24155584.6	
4411244	PRATT & WHITNEY CANADA CORP.	02/02/2024	4411244	24155608.3	
4411245	PRATT & WHITNEY CANADA CORP.	02/02/2024	4411245	24155612.5	
4411246	PRATT & WHITNEY CANADA CORP.	02/02/2024	4411246	24155634.9	
4411282	Oxford NanoScience Limited	10/05/2023	4411282	24155643.0	
4411301	RTX Corporation	06/02/2024	4411301	24156020.0	
4411572	Autobahnen- und Schnellstrassen- Finanzierungs-Aktiengesellschaft	02/02/2023	4411572	23154805.8	German
4411835	Trina Solar Co., Ltd	13/06/2024	4411835	24182027.3	
4413162	Inherent Biosciences, Inc.	05/10/2022	4413162	22797601.6	
4413220	Putzmeister Engineering GmbH	01/12/2022	4413220	22829542.4	German
4413586	Arthrex, Inc.	07/10/2022	4413586	22800475.0	
4413855	Siemens Energy AS	07/02/2024	4413855	24156241.2	
4413890	Seirus Innovative Accessories, Inc.	13/01/2017	4413890	24162867.6	
4413957	Maxxspine Innovative GmbH	05/02/2024	4413957	24155681.0	German
4414013	Drägerwerk AG & Co. KGaA	31/01/2024	4414013	24154925.2	German
4414173	B/E Aerospace, Inc.	07/02/2024	4414173	24156433.5	
4414304	Otis Elevator Company	02/02/2024	4414304	24155571.3	
4414461	Trustlife Therapeutics Inc.	10/02/2023	4414461	23156142.4	
4414697	LG Energy Solution, Ltd.	21/09/2023	4414697	23882913.9	
4414805	The Boeing Company	15/12/2023	4414805	23217151.2	
4414832	General Electric Company	23/02/2018	4414832	24165432.6	
4415344	Samsung Electronics Co., Ltd.	01/11/2023	4415344	23207258.7	
4415434	Analog Devices International Unlimited Company	02/02/2024	4415434	24155644.8	
4415625	Bard Access Systems, Inc.	13/10/2022	4415625	22802789.2	
4415978	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	13/10/2022	4415978	22802215.8	French
4416404	R+W Antriebselemente GmbH	11/10/2022	4416404	22856982.8	German
4417148	Arthrex, Inc	13/02/2024	4417148	24157258.5	
4417423	ROSEMOUNT AEROSPACE INC.	15/02/2024	4417423	24157967.1	
4417515	Hamilton Sundstrand Corporation	13/02/2024	4417515	24157358.3	
4417721	JX Metals Circular Solutions Co., Ltd.	12/09/2022	4417721	22889658.5	
4417735	Evonik Operations GmbH	15/02/2023	4417735	23156686.0	German
4417873	Collins Engine Nozzles, Inc.	14/02/2024	4417873	24157651.1	
4417874	Collins Engine Nozzles, Inc.	14/02/2024	4417874	24157661.0	
4417911	Hefei Midea Refrigerator Co., Ltd. Hefei Hualing Co., Ltd. Midea Group Co., Ltd.	17/08/2022	4417911	22885332.1	
4417954	AIRBUS OPERATIONS (S.A.S.)	08/02/2024	4417954	24156492.1	French
4417955	AIRBUS OPERATIONS (S.A.S.)	08/02/2024	4417955	24156499.6	French
4417987	LG Energy Solution, Ltd.	28/11/2022	4417987	22901699.3	

4418007	RTSYS	15/02/2024	4418007	24157968.9	French
4418524	Nanjing Chervon Industry Co., Ltd.	08/12/2022	4418524	22914120.5	
4418667	Largan Industrial Optics Co., Ltd.	29/08/2022	4418667	24171492.2	
4418703	Red Bend Ltd.	19/02/2024	4418703	24158310.3	
4419773	Schlumberger Technology B.V.	20/10/2022	4419773	22884698.6	
4419776	Horisont Energi AS	18/10/2022	4419776	22801171.4	
4419916	Immundiagnostik AG	18/10/2022	4419916	22808978.5	
4420020	Palo Alto Networks, Inc.	06/10/2022	4420020	22797849.1	
4420358	Gracernote, Inc.	20/10/2022	4420358	22884452.8	
4420559	Cuzco Co., Ltd.	18/10/2022	4420559	22883944.5	
4420625	Shanghai Changzheng Hospital	13/06/2022	4420625	22734087.4	
4420885	Quantix Digital S.r.l.	07/02/2024	4420885	24156275.0	
4420974	Airbus Operations GmbH	27/02/2023	4420974	23158695.9	German
4421003	MTS Maschinenbau GmbH	22/02/2024	4421003	24159006.6	German
4421156	Ecolab USA Inc.	28/01/2019	4421156	24188070.7	
4421399	GD Midea Air-Conditioning Equipment Co., Ltd.	23/09/2022	4421399	22897347.5	
4422007	Nexus Photonics, Inc.	11/05/2023	4422007	23172868.4	
4422156	FUJIFILM Business Innovation Corp.	07/08/2023	4422156	23189963.4	
4422570	Johnson & Johnson Surgical Vision, Inc.	11/10/2022	4422570	22793876.8	
4422574	Dentsply Sirona Inc. Sirona Dental Systems GmbH	10/10/2022	4422574	22802068.1	
4423012	Evonik Operations GmbH	17/10/2022	4423012	22800700.1	
4423229	Telefon des Produits Nestlé S.A.	20/10/2022	4423229	22803021.9	
4423916	Telefonaktiebolaget LM Ericsson (publ)	28/10/2021	4423916	21802626.8	
4424143	Usines Claas France S.A.S	16/01/2024	4424143	24152102.0	German
4424196	ASICS Corporation	28/02/2024	4424196	24160313.3	
4424388	Life Fitness, LLC	23/02/2024	4424388	24159272.4	
4424389	Life Fitness, LLC	28/02/2024	4424389	24160129.3	
4424523	BRIDGESTONE CORPORATION	12/05/2022	4424523	22886365.0	
4424526	BRIDGESTONE CORPORATION	20/09/2022	4424526	22906951.3	
4424554	Lear Corporation	26/02/2024	4424554	24159636.0	
4424903	LG Electronics Inc.	01/11/2022	4424903	22890333.2	
4425031	Avdel UK Limited	28/02/2023	4425031	23159254.4	
4425327	HYGON INFORMATION TECHNOLOGY CO., LTD.	27/02/2023	4425327	23884011.0	
4425334	ZTE Corporation	24/11/2022	4425334	22897888.8	
4425706	Samsung Electronics Co., Ltd.	24/10/2022	4425706	22887532.4	
4425960	Sony Group Corporation	27/10/2022	4425960	22887125.7	
4426157	On Clouds GmbH	01/11/2022	4426157	22812587.8	
4426621	DELIZIE BAKERY S.R.L.	02/11/2022	4426621	22813712.1	
4426683	F. Hoffmann-La Roche AG	04/10/2022	4426683	22801350.4	
4426865	F. Hoffmann-La Roche AG	03/11/2022	4426865	22817538.6	
4426866	SMS group GmbH	03/11/2022	4426866	22814306.1	German
4426933	VESTAS WIND SYSTEMS A/S	03/11/2022	4426933	22805771.7	
4427186	Swiss Reinsurance Company Ltd.	03/11/2022	4427186	22812634.8	
4427789	Asahi Intecc Co., Ltd.	01/11/2021	4427789	21962524.1	
4427821	Life Fitness, LLC	10/02/2021	4427821	24190650.2	
4427903	BRIDGESTONE CORPORATION	02/06/2022	4427903	22889607.2	
4428035	B/E Aerospace, Inc.	19/02/2024	4428035	24158466.3	
4428194	Toray Industries, Inc.	22/12/2022	4428194	22922193.2	
4429541	L'OREAL	21/10/2022	4429541	22809023.9	
4429823	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	07/11/2022	4429823	22814323.6	German
4429900	Pirelli Tyre S.p.A.	07/11/2022	4429900	22802728.0	
4430097	Merck Patent GmbH	10/11/2022	4430097	22817567.5	
4431399	RTX Corporation	15/01/2024	4431399	24151953.7	
4431777	King Lai Hygienic Materials Co., Ltd.	28/04/2023	4431777	23170541.9	
4432207	Angel Playing Cards Co., Ltd.	02/08/2016	4432207	24192624.5	
4432446	LG Energy Solution, Ltd.	10/07/2023	4432446	23843241.3	
4432452	LG Energy Solution, Ltd.	20/10/2022	4432452	22904451.6	
4432458	LG Energy Solution, Ltd.	20/09/2023	4432458	23868580.4	

4432769	Samsung Electronics Co., Ltd.	17/02/2023	4432769	23763651.9	
4432772	Systems and Software Enterprises, LLC	13/02/2018	4432772	24192740.9	
4433191	Water Tech, LLC	21/11/2022	4433191	22896795.6	
4433262	BESSEY Tool GmbH & Co. KG	10/11/2022	4433262	22814100.8	German
4433338	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	17/11/2022	4433338	22818039.4	German
4433344	ZF Friedrichshafen AG	11/10/2022	4433344	22800274.7	German
4433683	Turbo Drill Industries, Inc.	16/11/2022	4433683	22896396.3	
4433694	Daimler Truck AG	15/11/2022	4433694	22817984.2	
4434583	Celgene Corporation	12/09/2019	4434583	24185102.1	
4435648	Lundbeck La Jolla Research Center, Inc.				
4435648	Honeywell International Inc.	27/02/2024	4435648	24160052.7	
4435742	Harman International Industries, Inc.	15/02/2024	4435742	24157847.5	
4436014	Hyundai Mobis Co., Ltd.	12/01/2024	4436014	24151526.1	
4436152	Samsung Electronics Co., Ltd.	01/02/2023	4436152	23775148.2	
4436301	Panasonic Intellectual Property Corporation of America	06/02/2018	4436301	24193155.9	
4436349	Samsung Display Co., Ltd.	02/02/2024	4436349	24155597.8	
4436627	Kalium Health Ltd	23/12/2022	4436627	22839883.0	
4436894	Guala Pack S.p.A.	07/09/2022	4436894	22782572.6	
4437865	Kolon Industries, Inc. KT&G Corporation	26/12/2022	4437865	22916661.6	
4437901	Opti Group GmbH	21/03/2024	4437901	24165092.8	German
4438080	Becton, Dickinson and Company	17/04/2015	4438080	24195116.9	
4438091	Fisher & Paykel Healthcare Limited	21/02/2020	4438091	24185955.2	
4438195	BAOSHAN IRON & STEEL CO., LTD.	27/09/2022	4438195	22918227.4	
4438335	Sumitomo Rubber Industries, Ltd.	15/02/2024	4438335	24157856.6	
4438346	BRIDGESTONE CORPORATION	23/06/2022	4438346	22898157.7	
4438494	Airbus Operations Limited	14/02/2024	4438494	24157673.5	
4438527	Eurofork S.p.A.	27/03/2024	4438527	24166741.9	
4439232	Suzhou Metabrain Intelligent Technology Co., Ltd.	29/11/2022	4439232	22939888.8	
4439236	Honeywell International Inc.	26/02/2024	4439236	24159670.9	
4439383	Hand Held Products, Inc.	26/02/2024	4439383	24159668.3	
4439431	Strong Force TX Portfolio 2018, LLC	19/07/2019	4439431	24195142.5	
4439877	Japan Aviation Electronics Industry, Limited	15/02/2024	4439877	24157966.3	
4440025	Nokia Technologies Oy	28/03/2024	4440025	24167586.7	
4440526	Essity Hygiene and Health Aktiebolag	03/12/2021	4440526	21824566.0	
4440855	Pirelli Tyre S.p.A.	11/11/2022	4440855	22809215.1	
4441370	Aalborg Universitet	28/11/2022	4441370	22818194.7	
4442615	MAGNA STEYR Fahrzeugtechnik GmbH & Co KG	13/02/2024	4442615	24157336.9	German
4442653	Metawater Co., Ltd. The University of Kitakyushu	18/08/2022	4442653	22898184.1	
4442956	HALLIBURTON ENERGY SERVICES, INC.	14/03/2016	4442956	24196016.0	
4443329	La Monnaie de Paris	03/04/2024	4443329	24168276.4	French
4443386	Palantir Technologies Inc.	21/02/2024	4443386	24158794.8	
4443772	Quantumtek Co., Ltd.	25/11/2022	4443772	22897948.0	
4444410	BIOTRONIK SE & Co. KG	11/11/2022	4444410	22817628.5	
4445102	Micro Motion, Inc.	06/12/2021	4445102	21835086.6	
4446145	Inalfa Roof Systems Group B.V.	10/04/2024	4446145	24169456.1	
4446189	Momenta (Suzhou) Technology Co., Ltd.	12/04/2023	4446189	23817642.4	
4446548	dormakaba Deutschland GmbH	10/04/2023	4446548	23167233.8	German
4446577	MITSUBISHI HEAVY INDUSTRIES ENGINE & TURBOCHARGER, LTD.	26/12/2022	4446577	22924211.0	
4446584	Daikin Industries, Ltd.	02/12/2022	4446584	22904152.0	
4446622	Yamaha Hatsudoki Kabushiki Kaisha	16/12/2022	4446622	22907550.2	
4446888	Microsoft Technology Licensing, LLC	25/06/2019	4446888	24197124.1	
4446952	Tracematics Limited	15/04/2024	4446952	24170249.7	
4447280	AISIN CORPORATION	19/04/2023	4447280	23791876.8	

4448364	ZF CV Systems Global GmbH	23/11/2022	4448364	22822322.8	German
4448862	Rigging Concepts Limited	14/12/2022	4448862	22906793.9	
4448896	Gilgen Door Systems AG	08/12/2022	4448896	22835234.0	German
4448960	Siemens Gamesa Renewable Energy A/S	27/12/2022	4448960	22844208.3	
4449187	Valeo Comfort and Driving Assistance	15/12/2022	4449187	22839267.6	French
4449188	Valeo Comfort and Driving Assistance	15/12/2022	4449188	22839268.4	French
4449261	International Business Machines Corporation	09/12/2022	4449261	22834595.5	
4449344	Koninklijke Philips N.V.	07/12/2022	4449344	22830788.0	
4449919	Shenzhen Smoore Technology Limited	11/11/2022	4449919	22925681.3	
4449968	WUXI LITTLE SWAN ELECTRIC CO., LTD.	25/07/2023	4449968	23843964.0	
4449996	FUJIFILM Corporation	24/03/2020	4449996	24197994.7	
4451066	Blancpain SA	18/04/2023	4451066	23168492.9	French
4451335	LG Electronics Inc. LG Display Co., Ltd.	08/07/2022	4451335	22916250.8	
4451445	Contemporary Amperex Technology (Hong Kong) Limited	24/02/2023	4451445	23773558.4	
4451455	Zhuhai CosMX Battery Co., Ltd.	09/01/2023	4451455	23745879.9	
4452168	Stryker Corporation	29/06/2022	4452168	22760820.5	
4453105	Akzo Nobel Coatings International B.V.	20/12/2021	4453105	21830440.0	
4453274	IonKraft GmbH	27/02/2023	4453274	23707718.5	German
4453526	BIOTRONIK SE & Co. KG	19/12/2022	4453526	22839792.3	
4453587	Quantum Valley Ideas Laboratories	19/12/2022	4453587	22908958.6	
4453679	Veolia Water Solutions & Technologies Support	22/12/2022	4453679	22838869.0	
4453693	ORANGE	16/12/2022	4453693	22835451.0	French
4453894	F. Hoffmann-La Roche AG	23/12/2022	4453894	22839373.2	
4454898	CANON KABUSHIKI KAISHA	17/04/2024	4454898	24170710.8	
4455140	Jiangsu Hengrui Pharmaceuticals Co., Ltd.	23/12/2022	4455140	22910190.2	
4455341	POSCO Co., Ltd	19/12/2022	4455341	22911824.5	
4455502	Accuride International GmbH	23/04/2024	4455502	24171905.3	German
4455618	CRSC Research & Design Institute Group Co., Ltd.	28/09/2023	4455618	23801658.8	
4455990	Adeia Media Holdings Inc.	22/02/2024	4455990	24159245.0	
4456292	Contemporary Amperex Technology (Hong Kong) Limited	17/02/2023	4456292	23765755.6	
4456311	LG Energy Solution, Ltd.	20/02/2023	4456311	23760343.6	
4456506	Juniper Networks, Inc.	06/12/2021	4456506	24197733.9	
4456516	Microsoft Technology Licensing, LLC	29/10/2021	4456516	24193028.8	
4456815	MinMaxMedical	23/12/2022	4456815	22843812.3	
4456816	MinMaxMedical	23/12/2022	4456816	22844118.4	
4457034	APTAR France SAS	20/12/2022	4457034	22847586.9	French
4457035	APTAR France SAS	20/12/2022	4457035	22847590.1	French
4457392	ARKEMA FRANCE	23/12/2022	4457392	22844169.7	
4457644	Yangtze Memory Technologies Co., Ltd.	15/11/2022	4457644	22965431.4	
4458313	Hung, Cheng-Hsiang	03/05/2024	4458313	24174020.8	
4458589	BRIDGESTONE CORPORATION	17/10/2022	4458589	22915467.9	
4458590	BRIDGESTONE CORPORATION	17/10/2022	4458590	22915469.5	
4458616	Changchun Jetty Automotive Technology Co., Ltd.	28/12/2022	4458616	22914873.9	
4458906	POLYPLASTICS CO., LTD.	28/12/2022	4458906	22920683.4	
4459225	Matthews International GmbH Matthews International Corporation	23/09/2021	4459225	24192774.8	German
4459318	Hesai Technology Co., Ltd.	01/07/2022	4459318	22913273.3	
4459419	SAMSUNG ELECTRONICS CO., LTD.	03/02/2023	4459419	23767019.5	
4459443	Boe Technology Group Co., Ltd. Beijing BOE Technology Development Co., Ltd.	29/04/2022	4459443	22939219.6	
4459570	Aptiv Technologies AG	09/06/2023	4459570	23178339.0	
4459641	LG Energy Solution, Ltd.	20/10/2023	4459641	23883013.7	
4459986	LG Electronics Inc.	07/02/2020	4459986	24200129.5	

4460116	Nokia Technologies Oy	06/03/2024	4460116	24161780.2	
4460215	IHI Hauzer Techno Coating B.V.	09/02/2023	4460215	23703789.0	
4460782	Avery Dennison Retail Information Services LLC	06/01/2023	4460782	23708347.2	
4461235	Creative Medtech (Beijing) Co., Ltd	05/02/2024	4461235	24155717.2	
4461338	Mallinckrodt Pharmaceuticals Ireland Limited	31/01/2017	4461338	24202792.8	
4461705	BASF SE	10/12/2021	4461705	24180266.9	
4461760	Novamont S.p.A.	21/05/2021	4461760	24170745.4	
4461960	DAIKIN INDUSTRIES, LTD.	26/03/2024	4461960	24739996.7	
4462060	IHI Corporation	16/09/2022	4462060	22918694.5	
4462201	Siemens Aktiengesellschaft	11/05/2023	4462201	23172923.7	German
4462226	Samsung Electronics Co., Ltd.	08/02/2023	4462226	23753136.3	
4462558	LG Energy Solution, Ltd.	22/02/2023	4462558	23760386.5	
4462592	SAMSUNG ELECTRONICS CO., LTD.	16/02/2023	4462592	23760325.3	
4463075	Biosense Webster (Israel) Ltd.	11/12/2022	4463075	22838952.4	
4463566	The Jackson Laboratory	10/01/2023	4463566	23709284.6	
4463830	Sony Group Corporation	08/02/2023	4463830	23711140.6	
4464358	ResMed Pty Ltd	31/05/2022	4464358	24198752.8	
4464385	ResMed Pty Ltd	23/09/2016	4464385	24188721.5	
4464464	Roche Diagnostics International AG	19/05/2023	4464464	23174325.3	
4464635	TMT Machinery, Inc.	16/05/2024	4464635	24176164.2	
4464983	Hexagon Innovation Hub GmbH	19/05/2023	4464983	23174345.1	
4465533	STMicroelectronics International N.V.	13/05/2024	4465533	24175528.9	French
4466068	Quantel Medical	19/01/2023	4466068	23705621.3	French
4466158	Adient US LLC	19/01/2023	4466158	23703108.3	German
4466392	Commissariat à l'Energie Atomique et aux Energies Alternatives	12/01/2023	4466392	23704381.5	French
4466730	SOITEC	17/01/2023	4466730	23703100.0	French
4467210	ASICS Corporation	30/09/2022	4467210	22961046.4	
4467212	Karsten Manufacturing Corporation	20/12/2019	4467212	24205967.3	
4467311	Deutsches Zentrum für Luft- und Raumfahrt e.V.	23/05/2024	4467311	24177740.8	German
4467340	Tetra Laval Holdings & Finance S.A.	11/10/2022	4467340	24199551.3	
4467635	Enzysscreen B.V.	08/05/2024	4467635	24000053.9	
4467800	Hamilton Sundstrand Corporation	23/05/2024	4467800	24177771.3	
4467954	Nordex Blade Technology Centre ApS	26/05/2023	4467954	23175675.0	
4467999	LG Energy Solution, Ltd.	21/09/2023	4467999	23868627.3	
4468497	LG Energy Solution, Ltd.	27/11/2023	4468497	23900973.1	
4468715	Top Victory Investments Limited	24/05/2023	4468715	23175068.8	
4470794	The Goodyear Tire & Rubber Company	22/05/2024	4470794	24177322.5	
4471295	Safran Transmission Systems	22/05/2024	4471295	24177359.7	French
4471337	Panasonic Appliances Air-Conditioning Malaysia Sdn. Bhd.	30/08/2023	4471337	23194390.3	
4471790	MicrobioTx Health Private Limited National Institute of Science Education and Research	24/04/2024	4471790	24172137.2	
4471799	Advanced Euclidean Solutions, LLC	06/12/2019	4471799	24206685.0	
4471816	Siemens Energy Global GmbH & Co. KG	27/02/2023	4471816	23717233.3	
4472175	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	27/12/2022	4472175	22928455.9	
4472356	Samsung Electronics Co., Ltd.	23/05/2023	4472356	23812126.3	
4472498	Ectosense NV	01/02/2023	4472498	23703019.2	
4472530	Stelzer, Richard	03/02/2023	4472530	23705473.9	German
4472540	C.R. BARD, INC.	03/02/2022	4472540	22705295.8	
4472598	Fresenius Kabi Deutschland GmbH	03/02/2023	4472598	23702489.8	German
4472757	CTCV - Centro Tecnológico da Cerâmica e do Vidro Smart Separations Portugal Unipessoal, Lda TEandM- Tecnologia e Engenharia de Materiais Universidade de Coimbra	07/02/2022	4472757	22709838.1	

4473389	Microsoft Technology Licensing, LLC	31/10/2022	4473389	22830976.1	
4473680	Gogo Business Aviation LLC	24/01/2023	4473680	23706904.2	
4473731	Dolby Laboratories Licensing Corporation	01/02/2023	4473731	23708089.0	
4473742	Universität Heidelberg	03/02/2023	4473742	23702596.0	
4473885	Selmo Srl	05/06/2024	4473885	24180156.2	
4474231	VOLVO TRUCK CORPORATION	07/06/2023	4474231	23177993.5	
4474450	JTEKT Corporation	17/06/2022	4474450	22924900.8	
4474721	Gree Electric Appliances, Inc. of Zhuhai	20/12/2022	4474721	22939960.5	
4475205	LG Energy Solution, Ltd.	10/11/2023	4475205	23209062.1	
4475532	Broadpeak	05/06/2023	4475532	23305884.1	
4475636	Samsung Electronics Co., Ltd.	13/02/2024	4475636	24704674.1	
4475683	PEME SA	07/02/2023	4475683	23706699.8	German
4475795	Paschke Ultrasonix LLC	07/02/2023	4475795	23709838.9	
4476074	KT Projektentwicklungs-GmbH	09/02/2023	4476074	23707869.6	German
4476136	Safran Landing Systems	08/02/2023	4476136	23703068.9	French
4476181	Commissariat à l'Énergie Atomique et aux Énergies Alternatives Orano	24/02/2023	4476181	23711518.3	French
4476297	TESA SE	10/02/2023	4476297	23704917.6	German
4476431	IHI Corporation Mercedes-Benz Group AG	31/01/2023	4476431	23704243.7	German
4476450	Cryostar SAS	02/02/2023	4476450	23704052.2	
4476501	Renishaw plc	06/02/2023	4476501	23704821.0	
4476686	ATOP S.p.A.	07/02/2023	4476686	23707475.2	
4476993	ZTE Corporation	11/02/2022	4476993	22925402.4	
4477127	BSH Hausgeräte GmbH	28/05/2024	4477127	24178500.5	German
4477179	RIVERFIELD Inc.	24/03/2022	4477179	22933435.4	
4477598	Otis Elevator Company	03/06/2024	4477598	24179727.3	
4477604	Otis Elevator Company	10/06/2024	4477604	24181239.5	
4477733	Guangzhou Tinci Materials Technology Co., Ltd.	10/02/2023	4477733	23752422.8	
4478116	LG Chem, Ltd.	10/02/2023	4478116	23753195.9	
4478168	Samsung Electronics Co., Ltd.	10/10/2012	4478168	24196664.7	
4478288	RTX Corporation	12/06/2024	4478288	24181675.0	
4478338	GOOGLE LLC	09/06/2020	4478338	24210566.6	
4478585	DAIKIN INDUSTRIES, LTD.	14/03/2023	4478585	23779579.4	
4478652	Samsung Electronics Co., Ltd.	18/09/2018	4478652	24209846.5	
4479353	Guardian Glass, LLC Guardian Europe S.à r.l.	16/02/2023	4479353	23708282.1	
4479455	Momentive Performance Materials GmbH	10/02/2023	4479455	23704769.1	
4479643	Alma Mater Studiorum Università di Bologna	14/02/2023	4479643	23710801.4	
4479727	GrindoSonic BV	14/02/2023	4479727	23709111.1	
4479741	TotalEnergies OneTech	13/02/2023	4479741	23709243.2	French
4479881	SATO Corporation	18/02/2022	4479881	22708230.2	
4479927	Illumina, Inc.	17/02/2023	4479927	23711274.3	
4479928	Illumina, Inc.	17/02/2023	4479928	23711610.8	
4480056	Hitachi Energy Ltd	18/02/2022	4480056	22711490.7	
4480284	Hitachi Energy Ltd	18/02/2022	4480284	22711488.1	
4480382	Medit Corp.	14/02/2023	4480382	23756604.7	
4480716	The Goodyear Tire & Rubber Company	18/06/2024	4480716	24182731.0	
4480765	Croozer GmbH	21/06/2024	4480765	24183783.0	German
4480864	TEAM CONSTRUCT Maschinenbau Gesellschaft m.b.H.	19/06/2024	4480864	24183075.1	German
4480898	Infineon Technologies AG	20/06/2023	4480898	23180426.1	
4480933	SAINT-GOBAIN PLACO	20/06/2023	4480933	23180377.6	
4481595	Deutsche Telekom AG	22/06/2023	4481595	23180987.2	German
4481672	Mazor Robotics Ltd.	20/02/2022	4481672	24211136.7	
4481707	NISSAN MOTOR CO., LTD.	14/02/2022	4481707	22925979.1	
4481934	LG Energy Solution, Ltd.	09/02/2023	4481934	23756570.0	
4482042	Huawei Technologies Co., Ltd.	21/03/2022	4482042	22932565.9	
4482358	DewertOkin Technology Group Co., Ltd.	23/02/2023	4482358	23710437.7	German

4482386	Dexcom, Inc.	22/02/2023	4482386	23711391.5	
4482440	Salts Healthcare Limited	22/02/2023	4482440	23708868.7	
4482573	RIJKSUNIVERSITEIT GRONINGEN Academisch Ziekenhuis Groningen	21/02/2023	4482573	23707507.2	
4482583	F. Hoffmann-La Roche AG	23/02/2023	4482583	23707330.9	
4482630	HS Products Limited	23/02/2023	4482630	23712578.6	
4482642	Atieva, Inc.	22/02/2023	4482642	23712714.7	
4482818	Stockhausen Superabsorber GmbH	15/02/2023	4482818	23704207.2	German
4483047	NUOVO PIGNONE TECNOLOGIE - S.R.L.	23/02/2023	4483047	23708412.4	
4483054	Hydraspecma A/S	10/02/2023	4483054	23703480.6	
4483095	VALLOUREC TUBOS DO BRASIL LTDA	15/02/2023	4483095	23711943.3	
4483190	Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.	07/02/2023	4483190	23704105.8	German
4483364	Bose Corporation	22/02/2023	4483364	23711318.8	
4483372	Illumina, Inc.	24/02/2023	4483372	23715341.6	
4483535	Palo Alto Networks, Inc.	31/01/2023	4483535	23707575.9	
4483585	Hahn-Schickard-Gesellschaft für angewandte Forschung e. V.	16/02/2023	4483585	23704801.2	German
4483592	Saverone 2014 Ltd.	20/02/2023	4483592	23712362.5	
4483702	CLAAS Selbstfahrende Erntemaschinen GmbH	05/04/2024	4483702	24168615.3	German
4484045	JFE Steel Corporation	27/01/2023	4484045	23815469.4	
4484139	The Boeing Company	10/06/2024	4484139	24181052.2	
4484507	LG Chem, Ltd.	02/11/2023	4484507	23886305.4	
4484528	ENEOS Corporation	18/10/2017	4484528	24212388.3	
4484693	Demex AB	30/06/2023	4484693	23182778.3	
4484902	Panasonic Intellectual Property Management Co., Ltd.	02/02/2023	4484902	23756191.5	
4485064	LG Electronics Inc.	22/02/2023	4485064	23763660.0	
4485125	LG Display Co., Ltd.	13/06/2024	4485125	24181843.4	
4485136	Samsung Electronics Co., Ltd	03/05/2023	4485136	23843139.9	
4485169	Samsung Electronics Co., Ltd.	25/03/2024	4485169	24165812.9	
4485198	BULL SAS	28/06/2023	4485198	23306038.3	
4485589	Hamilton Sundstrand Space Systems International, Inc.	29/04/2024	4485589	24173015.9	
4485622	Hithium Tech HK Limited	10/05/2024	4485622	24175190.8	
4485686	VEGA Grieshaber KG	26/06/2023	4485686	23181523.4	German
4486237	Cryotech Nordic OÜ	02/03/2023	4486237	23709370.3	
4486618	ArcelorMittal	28/02/2022	4486618	22707894.6	
4486690	Forschungsverbund Berlin E.V.	22/02/2023	4486690	23706761.6	German
4486995	VESTAS WIND SYSTEMS A/S	23/02/2023	4486995	23709907.2	
4487248	Avery Dennison Retail Information Services LLC	28/02/2023	4487248	23711161.2	
4487661	Endress+Hauser SE+Co. KG	07/02/2023	4487661	23704118.1	German
4487844	Rath, Matthias W.	05/07/2024	4487844	24186881.9	
4487973	JFE Steel Corporation	27/12/2022	4487973	22943859.3	
4488076	BRIDGESTONE CORPORATION	12/01/2023	4488076	23791473.4	
4488131	IPGATE AG	12/02/2020	4488131	24209116.3	German
4489090	Ampere SAS	05/07/2024	4489090	24186845.4	French
4489122	Aichi Steel Corporation	13/02/2023	4489122	23774302.6	
4489377	Beijing Zitiao Network Technology Co., Ltd.	13/04/2023	4489377	23795054.8	
4489963	VMI Holland B.V.	23/02/2023	4489963	23707825.8	
4490091	INVENTIO AG	15/02/2023	4490091	23704213.0	German
4490902	GOOGLE LLC	11/10/2023	4490902	23801987.1	
4491145	Align Technology, Inc.	04/12/2017	4491145	24216623.9	
4491255	MANN+HUMMEL GmbH	10/07/2023	4491255	23184335.0	
4491336	Skartek s.r.o. Faurecia Innenraum Systeme GmbH	03/07/2024	4491336	24186356.2	German

4491517	Hamilton Sundstrand Corporation	15/05/2024	4491517	24176033.9	
4491965	Viessmann Holding International GmbH	11/07/2023	4491965	23184607.2	German
4492265	Cimbali Group S.p.A.	11/07/2024	4492265	24187914.7	
4492798	BEIJING YOUZHUJU NETWORK TECHNOLOGY CO. LTD.	03/04/2023	4492798	23784246.3	
4493515	BASF SE	14/03/2023	4493515	23710374.2	
4494390	QUALCOMM INCORPORATED	20/02/2023	4494390	23711301.4	
4494850	John Horsfall & Sons Limited	19/07/2024	4494850	24189728.9	
4494911	AUMOVIO Germany GmbH	21/07/2023	4494911	23187037.9	
4494939	Taizhou Runjie Logistics Safety Equipment Technology Co., Ltd.	17/01/2024	4494939	24152315.8	
4494946	VOLVO TRUCK CORPORATION	17/07/2023	4494946	23185850.7	
4495377	Hinfra S.r.l.	16/07/2024	4495377	24188822.1	
4495425	Hamilton Sundstrand Corporation	18/07/2024	4495425	24189512.7	
4495481	M.I.T. LIMITED	22/07/2024	4495481	24190128.9	
4495662	Apple Inc.	27/07/2020	4495662	24216935.7	
4496284	Juniper Networks, Inc.	27/09/2023	4496284	23200220.4	
4496384	GTS France	04/07/2024	4496384	24186600.3	French
4496682	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	02/02/2023	4496682	23704072.0	French
4496795	Ideaya Biosciences, Inc.	22/03/2023	4496795	23718143.3	
4497214	InterDigital Patent Holdings, Inc.	21/04/2023	4497214	23724999.0	
4497354	The Boeing Company	28/05/2024	4497354	24178369.5	
4497425	Ontex BV Ontex Group NV	25/07/2023	4497425	23187487.6	
4497861	ROCKWOOL A/S	01/04/2021	4497861	24217927.3	
4497904	Sewosy	17/07/2024	4497904	24189185.2	French
4498662	Samsung Electronics Co., Ltd.	26/01/2023	4498662	23775144.1	
4499243	BOUNCE SPORTS INTERNATIONAL	03/02/2023	4499243	23702604.2	French
4499456	Bönsdorff Holding ApS	22/02/2023	4499456	23707898.5	
4499876	Institut Curie INSERM (Institut National de la Santé et de la Recherche Médicale) Université de Versailles Saint-Quentin-en-Yvelines	23/03/2023	4499876	23713888.8	
4500236	Cedes AG	14/07/2023	4500236	23744130.8	German
4500244	SMART Photonics Holding B.V.	28/03/2023	4500244	23717839.7	
4500622	Millibatt, Inc.	13/04/2023	4500622	23788979.5	
4501224	Thornhill Scientific Inc.	01/08/2024	4501224	24192361.4	
4501232	Kingfar International Inc.	19/12/2023	4501232	23910270.0	
4501287	Ottobock SE & Co. KGaA	24/01/2020	4501287	24221645.5	German
4501351	BIONTECH CELL & GENE THERAPIES GMBH	05/02/2020	4501351	24208680.9	
4501484	Meacci S.r.l.	26/07/2024	4501484	24191279.9	
4501549	Samsung Electronics Co., Ltd.	19/07/2023	4501549	23846903.5	
4501592	LG Energy Solution, Ltd.	15/11/2023	4501592	23892021.9	
4501667	BRIDGESTONE CORPORATION	11/01/2023	4501667	23774192.1	
4502693	MITSUMI ELECTRIC CO., LTD.	29/07/2024	4502693	24191512.3	
4502756	Toyoda Iron Works Co., Ltd.	02/06/2023	4502756	23819767.7	
4503355	mitsubishi electric corporation	31/03/2022	4503355	22935487.3	
4504611	Alfabio S.r.l.	03/04/2023	4504611	23717119.4	German
4505263	Volvo Autonomous Solutions AB	04/04/2023	4505263	23717139.2	
4505312	QUALCOMM INCORPORATED	28/02/2023	4505312	23713202.2	
4506041	Acushnet Company	08/08/2024	4506041	24193713.5	
4506065	Recensmedical, Inc. Ulsan National Institute of Science and Technology (UNIST)	27/05/2022	4506065	24222729.6	
4506280	BAOSHAN IRON & STEEL CO., LTD.	08/05/2023	4506280	23810810.4	
4507005	Commissariat à l'Energie Atomique et aux Energies Alternatives	08/08/2024	4507005	24193485.0	French

4507346	Ricoh Company, Ltd.	24/07/2024	4507346	24190514.0	
4508300	Vallourec Oil and Gas France	11/04/2023	4508300	23717944.5	French
4508317	Industrie Saleri Italo S.P.A.	09/03/2023	4508317	23713758.3	
4508350	TDC International AG	14/04/2023	4508350	23719751.2	
4508732	Siemens Corporation	18/08/2022	4508732	22765342.5	
4510063	Mastercard International Incorporated	17/08/2023	4510063	23191861.6	
4510370	LG Energy Solution, Ltd.	03/04/2023	4510370	23812224.6	
4510586	B1 Institute of Image Technology, Inc.	10/10/2017	4510586	24197461.7	
4510646	Science Arts, Inc.	22/02/2024	4510646	24801061.3	
4511151	DONALDSON COMPANY, INC.	21/04/2023	4511151	23723064.4	
4511261	Stellantis Auto SAS	16/02/2023	4511261	23709257.2	French
4511566	SABIC Global Technologies B.V.	17/04/2023	4511566	23720079.5	
4511577	igus SE & Co. KG	20/04/2023	4511577	23721356.6	German
4512156	Ofinno, LLC	25/04/2023	4512156	23725491.7	
4512224	CNH Industrial America LLC	08/08/2024	4512224	24193648.3	
4512752	Sunds Fibertech AB	13/05/2024	4512752	24175566.9	
4513163	Giménez Guasch, Francesc Xavier Carabaza Bravo, Maria Assumpta	07/06/2023	4513163	23382548.8	
4513166	Kidde Technologies, Inc.	21/08/2024	4513166	24195750.5	
4513181	Electromagnetic Pipeline Testing GmbH	22/08/2023	4513181	23192759.1	
4513229	Hyundai Mobis Co., Ltd.	07/02/2024	4513229	24156214.9	
4513268	Commissariat à l'Energie Atomique et aux Energies Alternatives	12/08/2024	4513268	24194193.9	French
4514600	SAFRAN SAFRAN AIRCRAFT ENGINES	25/04/2023	4514600	23725374.5	French
4514657	Renault s.a.s	18/04/2023	4514657	23720091.0	French
4514681	Technische Universiteit Delft	25/04/2023	4514681	23721722.9	
4515000	F. Hoffmann-La Roche AG	26/04/2023	4515000	23722861.4	
4515092	Stellantis Auto SAS	16/02/2023	4515092	23709258.0	French
4515381	Microsoft Technology Licensing, LLC	10/02/2023	4515381	23710524.2	
4515382	Microsoft Technology Licensing, LLC	18/02/2023	4515382	23711292.5	
4515415	Microsoft Technology Licensing, LLC	08/02/2023	4515415	23709011.3	
4515483	Microsoft Technology Licensing, LLC	10/02/2023	4515483	23710526.7	
4515797	Telefonaktiebolaget LM Ericsson (publ)	28/04/2023	4515797	23725436.2	
4515814	Microsoft Technology Licensing, LLC	09/02/2023	4515814	23709014.7	
4516273	Somnicio, Inc.	31/08/2023	4516273	23194710.2	
4516619	TX Logistik AG	02/02/2022	4516619	24221631.5	German
4516717	Otis Elevator Company	09/08/2024	4516717	24193972.7	
4517086	Shanghai Baiantek Sensing Technology Co., Ltd.	25/06/2023	4517086	23830153.5	
4517159	ROBE lighting s.r.o.	29/08/2024	4517159	24197234.8	
4518252	Lemon Inc.	22/08/2024	4518252	24196015.2	
4519131	Brembo S.p.A.	05/05/2023	4519131	23726630.9	
4519179	Philip Morris Products S.A.	02/05/2023	4519179	23724249.0	
4519340	Covestro Deutschland AG Universiteit Antwerpen	28/04/2023	4519340	23723890.2	
4519354	Pirelli Tyre S.p.A.	04/05/2023	4519354	23727409.7	
4519477	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	04/05/2023	4519477	23724778.8	French
4519492	Andritz AG	08/02/2023	4519492	23705211.3	German
4519582	Epsilon Composite	28/04/2023	4519582	23722880.4	French
4519719	Cedes AG	14/07/2023	4519719	23744131.6	German
4519954	SMA Solar Technology AG	14/04/2023	4519954	23717575.7	German
4520007	Capital One Services, LLC	03/05/2023	4520007	23729538.1	
4520150	Amazonen-Werke H. Dreyer SE & Co. KG	19/08/2024	4520150	24401019.5	German
4520861	Wuxi Little Swan Electric Co., Ltd.	13/10/2022	4520861	22944577.0	
4520954	Siemens Gamesa Renewable Energy A/S	06/09/2023	4520954	23195596.4	
4520956	Philéole	11/09/2023	4520956	23196596.3	
4521003	FERRARI S.p.A.	09/09/2024	4521003	24199160.3	

4521016	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	23/07/2024	4521016	24190210.5	French
4521036	Zeeh, Gabriele	09/09/2024	4521036	24199200.7	German
4521120	Tecan Trading AG	21/12/2020	4521120	25154369.0	
4521267	eBay, Inc.	02/12/2022	4521267	24220772.8	
4521512	SK On Co., Ltd.	13/08/2024	4521512	24194376.0	
4521707	STMicroelectronics International N.V.	22/08/2024	4521707	24195795.0	
4522430	Safran Electronics & Defense	09/05/2023	4522430	23726308.2	French
4522681	Sika Technology AG	12/05/2023	4522681	23726386.8	
4522786	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	17/11/2023	4522786	23809181.3	German
4522872	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	11/05/2023	4522872	23727462.6	German
4522991	Deutsches Krebsforschungszentrum Stiftung des öffentlichen Rechts	10/05/2023	4522991	23728613.3	
4523367	LevelQuantum S.r.l.	09/05/2023	4523367	23726638.2	
4523595	Arçelik Anonim Sirketi	31/07/2024	4523595	24192032.1	
4523980	IPGATE AG	20/08/2020	4523980	24200565.0	German
4524411	Huawei Technologies Co., Ltd.	22/02/2024	4524411	24761828.3	
4524419	MANN+HUMMEL GmbH	12/09/2023	4524419	23196696.1	
4524789	Autocrypt Co., Ltd.	28/06/2024	4524789	24185185.6	
4524879	Samsung Electronics Co., Ltd	10/09/2024	4524879	24199510.9	
4525056	IMEC vzw	14/09/2023	4525056	23197552.5	
4525538	Universiteit Hasselt GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	11/08/2022	4525538	22954551.2	
4525655	Jung Gummitechnik GmbH	09/05/2023	4525655	23726888.3	German
4525677	SharkNinja Operating LLC	10/05/2023	4525677	23729276.8	
4526177	Siemens Mobility GmbH	07/07/2023	4526177	23745412.9	German
4526420	Henkel AG & Co. KGaA	21/02/2023	4526420	23707670.8	German
4526505	NIKE Innovate C.V.	16/05/2023	4526505	23730664.2	
4527247	Salomon S.A.S.	19/09/2024	4527247	24201442.1	French
4527806	Uniwersytet Mikołaja Kopernika w Toruniu	29/08/2024	4527806	24020277.0	
4529575	AdamanT Quanta AB	23/05/2023	4529575	23724329.0	
4529770	Universidade de Trás-os-Montes e Alto Douro	29/09/2023	4529770	23200976.1	
4530176	ZF Friedrichshafen AG ZF PADOVA S.r.l	28/09/2023	4530176	23200469.7	
4530185	B/E Aerospace, Inc.	27/09/2023	4530185	23200101.6	
4530563	Tanzer Maschinenbau Srl	05/09/2024	4530563	24000107.3	German
4530764	Siemens Aktiengesellschaft	28/09/2023	4530764	23200351.7	German
4531178	LG Energy Solution, Ltd.	26/02/2024	4531178	24764247.3	
4531519	Aledia	25/09/2024	4531519	24202486.7	French
4532090	KSB SE & Co. KGaA	17/05/2023	4532090	23728660.4	German
4532308	Baglioni, Emanuele	26/05/2023	4532308	23733451.1	
4532390	INVENTIO AG	09/05/2023	4532390	23725989.0	German
4532811	Andritz Laroche S.A.S	26/05/2023	4532811	23729090.3	French
4532937	Pierburg Pump Technology GmbH	31/05/2022	4532937	22732464.7	
4532955	Sew-Eurodrive GmbH & Co. KG	25/04/2023	4532955	23720154.6	German
4533051	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	11/05/2023	4533051	23724848.9	French
4533300	Microsoft Technology Licensing, LLC	27/04/2023	4533300	23727721.5	
4533776	GOOGLE LLC	21/05/2024	4533776	24734537.4	
4534002	3Shape A/S	01/10/2024	4534002	24204043.4	
4534252	Black & Decker, Inc.	03/10/2024	4534252	24204424.6	
4534353	Schmitz Cargobull AG	02/10/2023	4534353	23201219.5	German
4534379	ULTIMATE Europe Transportation Equipment GmbH Teufl, Manfred	04/10/2023	4534379	23201514.9	German
4534401	TechnipFMC Subsea France	04/10/2023	4534401	23306704.0	
4534457	Continental Reifen Deutschland GmbH	20/09/2024	4534457	24201572.5	German

4534927	DAIKIN INDUSTRIES, LTD.	08/08/2023	4534927	23871496.8	
4535317	Brightstar Global Solutions Corporation	24/09/2024	4535317	24202145.9	
4536027	Eurofoam S.r.l.	05/06/2023	4536027	23731382.0	
4536482	LEGO A/S	08/06/2023	4536482	23732450.4	
4537001	GESTRA AG	08/06/2023	4537001	23732028.8	German
4537273	Caterpillar, Inc.	23/05/2023	4537273	23734084.9	
4537885	Stamford Devices Limited	06/12/2018	4537885	25161590.2	
4537893	Bardy Technologies, Inc.	11/10/2024	4537893	24206082.0	
4540522	Itrec B.V.	15/06/2023	4540522	23732596.4	
4540600	SWESENSI AB	14/06/2023	4540600	23733283.8	
4540915	Tecnomatic SpA	29/05/2023	4540915	23757995.8	
4541205	ROSSI INGEGNERIA ALIMENTARE SOCIETA' A RESPONSABILITA' LIMITATA	16/10/2024	4541205	24206861.7	
4541706	SRAM, LLC.	27/09/2024	4541706	24203236.5	
4541713	AIRBUS HELICOPTERS DEUTSCHLAND GmbH Airbus Helicopters	17/10/2023	4541713	23315391.5	
4541781	Quantum Crystals Management L.L.C	20/10/2023	4541781	23204831.4	
4541977	Roca Sanitario, S. A.	17/10/2023	4541977	23383058.7	
4542153	Special Coatings GmbH & Co. KG	18/10/2023	4542153	23204316.6	
4542293	Alps Alpine Co., Ltd.	15/10/2024	4542293	24206786.6	
4542300	EUROMET S.R.L.	14/10/2024	4542300	24206487.1	
4542484	Prophesee	17/10/2023	4542484	23306817.0	
4543556	Universal City Studios LLC	20/06/2023	4543556	23741532.8	
4543579	Hammelmann GmbH	19/06/2023	4543579	23733750.6	German
4543654	BASF SE	19/06/2023	4543654	23733752.2	
4543702	AUDI AG	08/04/2024	4543702	24717220.8	German
4543976	Nouryon Chemicals International B.V.	09/06/2023	4543976	23728833.7	
4544644	Rosenberger Hochfrequenztechnik GmbH & Co. KG	24/06/2024	4544644	24733645.6	German
4544794	GOOGLE LLC	07/07/2023	4544794	23754001.8	
4545202	Huang, Jung-Hsien	10/05/2024	4545202	24175178.3	
4545319	Sunrise Medical (US) LLC	23/12/2019	4545319	25164197.3	
4545734	Vantage Towers, S.L.U.	26/10/2023	4545734	23383095.9	
4545746	Lamex AG	14/10/2024	4545746	24206424.4	German
4545916	Rosemount Tank Radar AB	23/10/2023	4545916	23205331.4	
4546336	Dolby International AB Dolby Laboratories Licensing Corporation	03/02/2011	4546336	25163661.9	
4546389	Hofsaess, Marcel P.	02/10/2024	4546389	24204151.5	German
4547444	Hilti Aktiengesellschaft	13/06/2023	4547444	23732526.1	
4547575	TGW Logistics GmbH	28/06/2023	4547575	23745045.7	German
4547579	TGW Logistics GmbH	28/06/2023	4547579	23745044.0	German
4547949	Horse Powertrain Solutions, S.L.U.	23/06/2023	4547949	23734288.6	French
4548064	Siemens Aktiengesellschaft	01/08/2023	4548064	23753842.6	
4548967	Varian Medical Systems, Inc.	10/10/2024	4548967	24205914.5	
4549362	Otis Elevator Company	02/11/2023	4549362	23306897.2	
4549409	LG Electronics Inc.	25/10/2024	4549409	24208880.5	
4550057	Sumitomo Riko Company Limited	01/09/2023	4550057	23871741.7	
4550092	Varjo Technologies Oy	01/10/2024	4550092	24203970.9	
4550338	NantOmics, LLC	14/08/2019	4550338	25164135.3	
4550665	Analog Devices International Unlimited Company	29/05/2024	4550665	24178663.1	
4550800	Adeia Guides Inc.	23/02/2015	4550800	24220001.2	
4551488	PulPac AB	07/06/2023	4551488	23731623.7	
4551677	VOLKSWAGEN AG	04/07/2023	4551677	23739197.4	German
4551731	Naco Technologies, SIA	05/07/2023	4551731	23745632.2	
4551766	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.	28/06/2023	4551766	23740943.8	German
4551802	Safran Electrical & Power	28/06/2023	4551802	23755446.4	French
4551832	Schaeffler Technologies AG & Co. KG	01/06/2023	4551832	23731944.7	German
4551999	ABB SCHWEIZ AG	06/07/2022	4551999	22747986.2	

4552120	Google LLC	25/09/2023	4552120	23790481.8	
4554529	Coloplast A/S	13/07/2023	4554529	23744671.1	
4554827	Stellantis Europe S.p.A.	28/06/2023	4554827	23739683.3	
4554829	ZF Friedrichshafen AG	10/07/2023	4554829	23741333.1	German
4555177	Häfele SE & Co KG	15/09/2023	4555177	23772221.0	German
4555342	Nokia Technologies Oy	19/07/2023	4555342	23745458.2	
4555547	PHOENIX CONTACT GMBH & CO. KG	10/07/2023	4555547	23739572.8	German
4555876	Kersten, Olaf Deppe, Marc	27/08/2024	4555876	24196843.7	German
4555988	Stretchers Industries Ltd	20/11/2023	4555988	23211006.4	
4556128	Grumbach, Udo	17/11/2023	4556128	23210603.9	German
4556250	Ricoh Company, Ltd.	13/11/2024	4556250	24212641.5	
4557133	Moxa Inc.	04/12/2023	4557133	23213979.0	
4558230	Università Vita-Salute San Raffaele Fondazione Cariplo	20/07/2023	4558230	23749172.5	
4558552	LUMAS Polymers LLC	17/07/2023	4558552	23853705.4	
4558731	Dürr Systems AG	02/11/2023	4558731	23801348.6	German
4558742	Dayco Europe S.R.L.	17/07/2023	4558742	23748325.0	
4558961	AUMOVIO Germany GmbH	13/06/2023	4558961	23737878.1	German
4559137	Cisco Technology, Inc.	20/07/2023	4559137	23754908.4	
4559722	Eve Energy Co. Ltd.	06/11/2024	4559722	24211179.7	
4559899	KRKA, d.d., Novo mesto	19/11/2024	4559899	24213940.0	
4560047	LPE S.p.A.	20/11/2024	4560047	24214250.3	
4560077	Nanjing Chervon Industry Co., Ltd.	12/09/2024	4560077	24199889.7	
4560245	Valeo Electrification	22/11/2023	4560245	23211366.2	
4561048	Ricoh Company, Ltd.	29/10/2024	4561048	24209438.1	
4562311	Worxsafe AB	25/07/2022	4562311	22755155.3	
4562315	Itrec B.V.	25/07/2023	4562315	23745209.9	
4563088	Fundación Universidad Francisco de Vitoria	30/11/2023	4563088	23383235.1	
4563200	Technogym S.p.A.	25/11/2024	4563200	24215163.7	
4563236	Sinyu Technology (Fujian) Co., Ltd.	09/02/2024	4563236	24156857.5	
4563736	Kiud Technologies Oü	29/11/2023	4563736	23213001.3	
4564053	Volvo Autonomous Solutions AB	01/12/2023	4564053	23213580.6	
4564124	STIWA Advanced Products GmbH	13/02/2024	4564124	24157283.3	German
4564348	Dolby International AB	01/09/2006	4564348	25170208.0	
4565749	Caterpillar, Inc.	01/08/2023	4565749	23758806.6	
4566521	TOYOTA JIDOSHA KABUSHIKI KAISHA	22/11/2024	4566521	24214836.9	
4566703	SK Innovation Co., Ltd.	05/12/2024	4566703	24217667.5	
4566846	Toyo Tire Corporation	21/11/2024	4566846	24214393.1	
4566906	VOLVO TRUCK CORPORATION	04/12/2023	4566906	23213999.8	
4567250	USC-Consulting GmbH	08/12/2023	4567250	23215281.9	German
4567636	THALES	28/11/2024	4567636	24216037.2	French
4568528	Philip Morris Products S.A.	10/08/2023	4568528	23753920.0	
4568621	Apex Dynamics, SIA	01/08/2023	4568621	23754882.1	
4568664	Terns Pharmaceuticals, Inc.	08/04/2024	4568664	24724715.8	
4568761	InDriveTec AG	09/08/2022	4568761	22765752.5	German
4568825	Brinter AM Technologies Oy	04/08/2023	4568825	23753932.5	
4568911	INVENTIO AG	03/08/2023	4568911	23748546.1	German
4569220	Siemens Gamesa Renewable Energy A/S	12/10/2023	4569220	23786118.2	
4569287	Siemens Gamesa Renewable Energy A/S	22/09/2023	4569287	23772530.4	
4569743	Motorola Solutions, Inc.	14/07/2023	4569743	23757379.5	
4569744	Cisco Technology, Inc.	07/08/2023	4569744	23764744.1	
4570535	VOLVO TRUCK CORPORATION	11/12/2023	4570535	23215505.1	
4570538	Volvo Truck Corporation	12/12/2023	4570538	23215992.1	
4570718	Contemporary Ampere Technology (Hong Kong) Limited	04/12/2023	4570718	23887185.9	
4570999	Geberit International AG	15/02/2024	4570999	24157880.6	
4571184	GE Vernova Technology GmbH	12/12/2023	4571184	23216011.9	
4571524	Commissariat à l'Energie Atomique et aux Energies Alternatives	05/12/2024	4571524	24217666.7	French

4571852	Jinko Solar (Shangrao) Co., Ltd JINKO SOLAR CO., LTD.	27/12/2023	4571852	23220312.5	
4571947	Hithium Tech HK Limited	22/10/2024	4571947	24208016.6	
4572330	Shenzhen Grandsun Electronic Co., Ltd.	11/12/2024	4572330	24219193.0	
4572689	Cilag GmbH International	15/07/2024	4572689	24752160.2	
4572839	Boston Scientific Neuromodulation Corporation	16/08/2023	4572839	23768400.6	
4573039	Itrec B.V.	16/08/2023	4573039	23755409.2	
4573975	Aerofoil Energy Limited	21/12/2023	4573975	23219413.4	
4575120	Unilin, BV	29/11/2024	4575120	24216523.1	
4575157	Sobinco NV	08/11/2024	4575157	24211844.6	
4575377	ESTRA Automotive Systems Luxembourg S.à r.l.	13/12/2024	4575377	24219657.4	
4575452	Leica Mikrosysteme GmbH	22/12/2023	4575452	23219894.5	
4575468	UNITY SEMICONDUCTOR	18/12/2023	4575468	23307250.3	
4575742	Apple Inc.	08/09/2021	4575742	25174955.2	
4577030	Commissariat à l'Energie Atomique et aux Energies Alternatives	19/12/2024	4577030	24221919.4	French
4577361	SMS Group GmbH	09/08/2023	4577361	23757221.9	German
4577624	Unilever Global IP Limited	18/08/2023	4577624	23757914.9	
4578402	FUJIFILM Corporation	03/12/2024	4578402	24217055.3	
4579432	Samsung Electronics Co., Ltd.	27/02/2023	4579432	25176603.6	
4580562	ConvaTec Limited	22/08/2023	4580562	23764692.2	
4580800	Topsoe A/S	28/08/2023	4580800	23764262.4	
4582342	B/E Aerospace, Inc.	02/01/2025	4582342	25150046.8	
4583321	Schneider Electric España, S.A.	04/01/2024	4583321	24382007.3	
4583966	BIOTRONIK SE & Co. KG	19/07/2023	4583966	23741425.5	
4584173	L'OREAL	25/07/2023	4584173	23748752.5	
4584348	Linde GmbH	07/09/2023	4584348	23768269.5	
4584520	ONIS	01/09/2023	4584520	23761953.1	French
4586969	Edwards Lifesciences Corporation	15/09/2023	4586969	23789815.0	
4587362	INVENTIO AG	05/09/2023	4587362	23764940.5	German
4588344	Albert Kerbl GmbH	17/01/2025	4588344	25152549.9	German
4588404	BRX Srl	15/01/2025	4588404	25151943.5	
4589099	Surelock McGill Limited	17/01/2025	4589099	25152658.8	
4591108	Institut d'Optique Graduate School	18/09/2023	4591108	23769290.0	French
4591556	Telefonaktiebolaget LM Ericsson (publ)	22/09/2022	4591556	22790031.3	
4592007	Senju Metal Industry Co., Ltd.	16/01/2025	4592007	25152162.1	
4592479	Gretsch-Unitas GmbH Baubeschläge	26/01/2024	4592479	24154231.5	German
4592577	Dongguan OSM Digital Co., Ltd.	12/06/2024	4592577	24181714.7	
4593101	Commissariat à l'Energie Atomique et aux Energies Alternatives	27/01/2025	4593101	25154014.2	French
4593885	Astrazeneca AB	09/04/2024	4593885	24718171.2	
4594276	Linde GmbH	26/09/2023	4594276	23776971.6	German
4595819	Franke Technology and Trademark Ltd	05/02/2024	4595819	24155839.4	
4596469	VIPS France	29/01/2025	4596469	25154743.6	French
4597090	Bruker AXS SE	01/02/2024	4597090	24155408.8	
4597376	Infineon Technologies Austria AG	01/02/2024	4597376	24155173.8	
4599159	Siemens Gamesa Renewable Energy A/S	16/11/2023	4599159	23805086.8	
4599290	CooperVision International Limited	04/12/2023	4599290	23822085.9	
4599861	B. Braun Avitum AG	07/02/2025	4599861	25156523.0	German
4600913	Axis AB	09/02/2024	4600913	24156775.9	
4602430	Rodenstock GmbH	13/10/2023	4602430	23789993.5	German
4605327	Safelog GmbH	13/10/2023	4605327	23790007.1	German
4605473	SHPP Global Technologies B.V.	18/10/2023	4605473	23805663.4	
4606506	Klingelberg AG	26/02/2024	4606506	24159795.4	German
4607140	Demmelmayr, Ernst	20/02/2024	4607140	24158737.7	German
4607161	Waagenbau Dohmen GmbH	26/02/2024	4607161	24159547.9	German
4607240	Dark Sky GmbH	22/02/2024	4607240	24159128.8	German
4607451	Bruker Biospin GmbH & Co. KG	21/02/2024	4607451	24158833.4	
4607628	Red Bull Advanced Technology AVL List GmbH	22/02/2024	4607628	24159108.0	

4609110	Saudi Arabian Oil Company	26/10/2023	4609110	23809927.9	
4609983	Taiwan Mask Corporation	28/02/2024	4609983	24160207.7	
4610836	ExpectedIT GmbH	27/02/2024	4610836	24159880.4	
4614882	Schneider Electric USA Inc.	25/02/2025	4614882	25160047.4	
4615274	Koninklijke Philips N.V.	01/11/2023	4615274	23800440.2	
4618872	Purespring Therapeutics Limited	17/11/2023	4618872	23813842.4	
	The University of Bristol				
4620722	Yazaki Corporation	19/02/2025	4620722	25158868.7	
4621637	Hanwha Vision Co., Ltd.	16/08/2024	4621637	24194848.8	
4621702	Optos plc	28/02/2022	4621702	25194568.9	
4622513	MAM Baby AG	21/11/2023	4622513	23813546.1	German
4623235	FASTER S.r.l.	22/11/2023	4623235	23828471.5	
4623488	LEMO SA	06/11/2023	4623488	23801436.9	
4623705	SanLucar Fruit S.L.U.	28/03/2024	4623705	24167508.1	
4623803	Optos plc	25/03/2024	4623803	24165816.0	
4625616	Eve Energy Co., Ltd.	12/11/2024	4625616	24212263.8	
4625636	Xiamen Hithium Energy Storage Technology Co., Ltd.	27/03/2025	4625636	25166774.7	
4631393	King Slide Works Co., Ltd.	06/09/2024	4631393	24198867.4	
	King Slide Technology Co., Ltd.				
4633995	Capactech Limited	14/12/2023	4633995	23833068.2	
4642009	Deutsche Telekom AG	25/04/2024	4642009	24172504.3	
4642545	SABIC Global Technologies B.V.	27/12/2023	4642545	23837801.2	
4645228	Siemens Healthineers AG	24/04/2025	4645228	25172171.8	
	Duke University				
4646099	lone1 GmbH	06/03/2025	4646099	25711423.1	German
4646453	BASF SE	13/03/2025	4646453	25712159.0	
4646710	KONE Corporation	03/01/2023	4646710	23700559.0	
4647601	Lutz Pumpen GmbH	09/05/2024	4647601	24175078.5	German
4651956	Unilever Global IP Limited	05/12/2024	4651956	24820414.1	
4652751	PSS Belgium NV	17/01/2024	4652751	24701163.8	
4675916	DE MORAIS CARVALHO COELHO, Antonio José	02/03/2023	4675916	23715615.3	
	Junming, Hu				
4677375	Západočeská univerzita v Plzni	19/09/2024	4677375	24805098.1	
4689779	Carl Zeiss Vision International GmbH	23/08/2024	4689779	24758853.6	
4692422	Umicore AG & Co. KG	05/08/2024	4692422	24192824.1	

Withdrawn – Section 33(1)

S20240536	An attachable alternative to a golf shoe. STEPHEN SMITH
S20250134	Mascara Applicator. HAMILTON, CARLY ELIZABETH
20260039	A Rotatable Buoy for a Wave Energy converter to provide increased Energy Capture. BRIAN WALL

Deemed to have been Withdrawn - Section 23(9)

S20250090	A support device. ELITE HOME PRODUCTS LIMITED
S20250094	A baler for baling material. MCHALE ENGINEERING UNLIMITED COMPANY

Request for Grant of Supplementary Protection Certificate

The name and address of the requestor follow the number allocated to the request. The date in brackets following the name and address is the date of receipt of the request. The Patent number is that under which the product in respect of which a certificate is sought is, allegedly, protected. Market Authorisation references in respect of the product concerned are also shown.

2026017 ASTRAZENECA AB, 151 85 Södertälje, Sweden
(23 March 2026)
Patent No: 3097086; (2S)-N-[(1S)-1-CYANO-2-PHENYLETHYL]-
1,4-OXAZEPANE-2-CARBOXAMIDES AS DIPEPTIDYL
PEPTIDASE I INHIBITORS
Product: brensocatib or its salts, hydrates, or hydrates of the salts,
including brensocatib monohydrate
Market Authorisation: Ireland EU/1/25/1995/001, 19/11/2025
European Union EU/1/25/1995/001, 19/11/2025

Application for Extension of the Duration of a Supplementary Protection Certificate

The name and address of the applicant follow the number allocated to the Supplementary Protection Certificate (SPC). The date in brackets following the name and address is the date of receipt of the application for an extension of the duration of the SPC. The Patent number is that under which the product in respect of which an extension of the duration of the SPC is sought is, allegedly, protected. Market authorisation references in respect of the product concerned are also shown, followed by the original date of expiry of the certificate.

2014029 MITSUBISHI TANABE PHARMA CORPORATION, 3-2-10, Dosho-machi,
Chuo-ku Osaka-shi, 541-8505 Osaka, Japan
(25/03/2026)
Patent No: 1651658; NOVEL COMPOUNDS HAVING INHIBITORY
ACTIVITY AGAINST SODIUM-DEPENDANT TRANSPORTER
Product: Canagliflozin
Market Authorisation: Ireland EU/1/13/884/001-004, 19/11/2013
European Union EU/1/13/884/001-004, 19/11/2013
Original SPC Expiry Date: 18/11/2028

Renewal of Designs Registered under the Industrial Designs Act, 2001

Registrations renewed for 2nd period of 5 Years

Design number	Class
23304	02.02

Registrations renewed for 4th period of 5 Years

Design number	Class
21361	<i>10-06</i>
21362	<i>10-06</i>

Iris um Oifig Maoine Intleachtúla na hÉireann
Journal of the Intellectual Property Office of Ireland

Cuid II

Trádmharcanna

No. 2566

Wednesday, 22 April, 2026

NOTE: The office does not guarantee the accuracy of its publications nor undertake any responsibility for errors or omissions or their consequences.

In this Part of the Journal, unless the context otherwise requires, a reference to the 1963 Act means the Trade Marks Act, 1963, a reference to the 1963 Rules means the Trade Marks Rules, 1963, a reference to the 1996 Act means the Trade Marks Act, 1996 and a reference to the 1996 Rules means the Trade Marks Rules, 1996.

Official Notice

Patent Rules 1992 – Rule 77, – Office Closure

**The Intellectual Property Office of Ireland (IPOI) will be closed for the transaction of
business on Monday 4th May 2026**

Application for Registration of marks published under Section 43(1) of the 1996 Act following acceptance

Notice is hereby given that Applications for the Registration of the undermentioned trade marks have been accepted.

Any person who desires to oppose the registration of these trade marks may within three months from the date of this Journal give notice to the Controller, in accordance with the provisions of Rule 18.

It should be noted that under the provisions of Rule 63(2) no extension of the opposition period is allowed for lodging opposition under Rule 18.

It is desirable before lodging formal opposition that a communication should be addressed to the Applicant affording him an opportunity to withdraw his application for registration. In this way cost of opposition proceedings may be avoided.

Trusty Trades

274372 04 November 2025

- Class 9. Mobile apps.
- Class 35. Marketing.
- Class 37. Construction.

Trusty Trades, 5 THE ELMS OLDGRANGE WOOD MONASTEREVIN KILDARE, Kildare W34 KV10, Ireland. Address for service is c/o Trusty Trades, 5 THE ELMS OLDGRANGE WOOD MONASTEREVIN KILDARE, Kildare W34 KV10, Ireland.



274373 30 October 2025

- Class 5. Wheat germ dietary supplements; Food for babies; Nutritional supplements; Dietetic substances adapted for medical use; Dietetic foods adapted for medical purposes; Glucose dietary supplements; Lactéal flour for babies; Powdered milk for babies; Probiotic dietary supplements; Babies' nappies; Babies' diaper-pants.
- Class 29. Vegetable purées; Fruit-based or vegetable-based snack food; Fruit purées; Pressed fruit paste; Prunes;

- Vegetable marrow paste; Vegetables, processed; Hoshi-nori [sheets of dried laver]; Mashed potatoes; Tomato purée; Milk; Milk products; Cheese.
- Class 30. Rice flour; Sugar; Angu made of rice flour; Bread; Rice crackers; Rice-based snack food; Biscuits; Cereal preparations; Flour; Noodles; Cooking salt.
- Class 35. Advertising; Commercial administration of the licensing of the goods and services of others; Administrative services for the relocation of businesses; Provision of an online marketplace for buyers and sellers of goods and services; Sales promotion for others; Business management for freelance service providers; Photocopying services; Accounting; Rental of sales stands; Retail or wholesale services for medicines.

Sunny Fields Enterprise Limited, Units 903-906A, 9/F, Kowloon Centre, 33 Ashley Road, Tsimshatsui, Kowloon, THE HONG KONG SPECIAL ADMINISTRATIVE REGION OF THE PEOPLE'S REPUBLIC OF CHINA. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.



- Class 9. Software applications, downloadable; application software; application software for mobile devices; application software for computers; software for business administration; software platforms, downloadable.
- Class 35. Employment recruitment; employment agency services; recruitment services; employment staffing consultation services; personnel placement services; personnel recruitment; personnel selection for others; recruitment of temporary staff; placement of temporary personnel; temporary personnel placement; placement of permanent personnel; placement of staff; providing employment information; providing employment consultancy services; providing business information in employment opportunities to persons in need; providing networking opportunities for individuals seeking employment; provision of employment information; consultancy and advisory services relating to personnel placement, recruitment and management.
- Class 41. Arranging and conducting educational courses; arranging and conducting educational events; providing professional training courses; providing training courses; vocational training; arranging and conducting of training seminars.
- Class 42. Software as a service [SaaS]; providing temporary use of web-based software.

Xpress Medical Technology Services Limited, UNIT 47, PARK WEST ENTERPRISE CENTRE, LAVERY AVENUE, PARK WEST INDUSTRIAL PARK, DUBLIN 12 D12 WN44, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

aaiva

274375 30 October 2025

Class 9. Software; Computer software; Application software.

LucyFin Limited, Mossbank, Cliffords Lane, Swords K67 R9H0, Ireland. Address for service is c/o LucyFin Limited c/o Zhongji Ren, Mossbank, Cliffods Lane, Swords K67 R9H0, Ireland.



274376 03 November 2025

Class 9. Mobile apps.

Class 35. Provision of an online marketplace for buyers and sellers of goods and services; Provision of an on-line marketplace for buyers and sellers of goods and services; Providing online marketplaces for sellers of goods and or services.

Ponte Digital Limited, 8 ST Edmunds Square, Yellow Walls, Lucan /Co Dublin K78HK02, Ireland. Address for service is c/o Eduardo Rangel Nascimento, 8 ST Edmunds Square, Yellow Walls, Lucan /Co Dublin K78HK02, Ireland.

2AM

274377 02 November 2025

Class 5. Dietary and nutritional supplements; vitamin and mineral supplements; nutraceutical preparations for health and wellness; amino-acid preparations; L-cysteine supplements; powders, tablets, capsules, liquids and shots for nutritional purposes; electrolyte and rehydration preparations; vitamin-fortified preparations.

Class 32. Non-alcoholic beverages; functional wellness shots; energy drinks; isotonic drinks; flavoured waters; sports drinks; non-medical carbohydrate beverages; non-alcoholic preparations for making beverages; powders and concentrates for making non-alcoholic drinks.

Compound Life Limited, 53 Moatfield Road, Dublin D05 C9H3, Ireland. Address for service is c/o Compound Life Limited, 53 Moatfield Road, Dublin D05 C9H3, Ireland.

Risgoo Technology Holdings (Shenzhen) Co., Ltd., 102, Bldg B09, Renshan Zhishui, No. 96, Huanguan South Rd., Guanhu St., Longhua Dist., 518000 Shenzhen, China. Address for service is c/o Krzysztof Breguła, Dolna, 1/3p, 42-600 Tarnowskie Góry, Poland.



274378 03 November 2025

Class 9. video screens; interactive touch screen terminals; batteries, electric; protective films adapted for smartphones; cases for smartphones; battery chargers; cables, electric; headphones; portable power chargers; wearable video display monitors; smartphones; optical glass; USB flash drives; selfie sticks [hand-held monopods]; Smart watches; cell phone straps; electric plugs; smart speakers; in-car telephone handset cradles; holders adapted for cell phones and smartphones.

Celestial Sites

274379 23 May 2025

Class 42. Design and development of websites for others; creation of custom websites incorporating intuitive, energetic, and spiritual design elements; spiritual and energetically aligned digital design services; development of online portals and digital experiences for healing, coaching, and personal transformation; consultancy relating to website design and digital branding for wellness practitioners and spiritual entrepreneurs.

Ciara O'Reilly, Ballinamara, Rathmoyle, Kilkenny R95 CD42, Ireland. Address for service is c/o Ciara O'Reilly, Ballinamara, Rathmoyle, Kilkenny R95 CD42, Ireland.

LDA**274380** 18 September 2025

- Class 36. Real estate management services including advice and consultancy relating to property development, planning, infrastructure and land management. Real estate acquisition and development. Disposals of land and homes. Rental of homes. Advisory services on funding and investment for sustainable communities and housing projects.
- Class 37. Construction, demolition and renovation of property. Consultancy services relating to property development, construction and land use. Provision of infrastructure to service sites for housing developments. Construction services to support sustainable communities and housing, including innovative development and construction methods.
- Class 42. Advisory services for government, government ministers and local authorities in relation to master planning, land use, and infrastructure provision; Consultancy services and assessments in relation to land use planning and feasibility studies.

The Land Development Agency, 4th Floor, Ashford House, Tara Street, Dublin D02 VX67, Ireland.
Address for service is c/o Jane Farren, Addleshaw Goddard (Ireland) LLP, Fitzwilliam 28, Fitzwilliam Street Lower, Dublin 2 D02KF20, Ireland.



Application is for a Series of 5 Trade Marks.

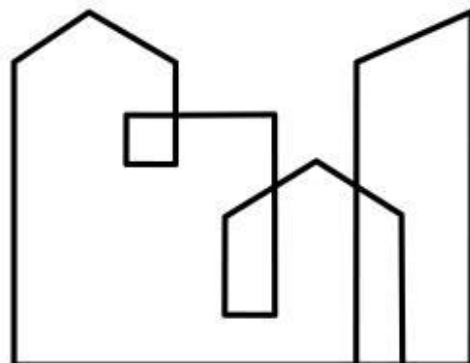
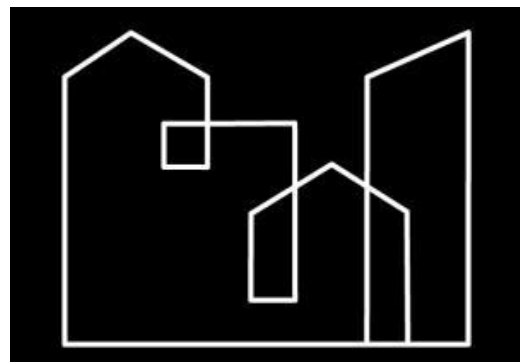
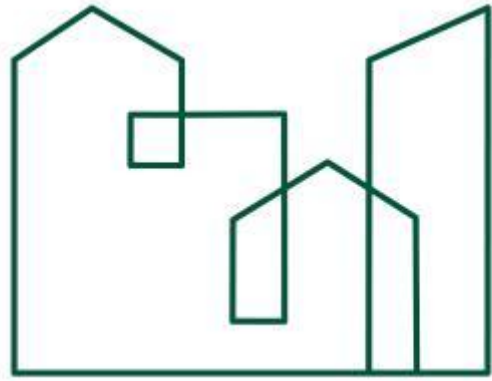
274381 18 September 2025

Class 36. Real estate management services including advice and consultancy relating to property development, planning, infrastructure and land management. Real estate acquisition and development. Disposals of land and homes. Rental of homes. Advisory services on funding and investment for sustainable communities and housing projects.

Class 37. Construction, demolition and renovation of property. Consultancy services relating to property development, construction and land use. Provision of infrastructure to service sites for housing developments. Construction services to support sustainable communities and housing, including innovative development and construction methods.

Class 42. Advisory services for government, government ministers and local authorities in relation to master planning, land use, and infrastructure provision; Consultancy services and assessments in relation to land use planning and feasibility studies.

The Land Development Agency, 4th Floor, Ashford House, Tara Street, Dublin D02 VX67, Ireland.
Address for service is c/o Jane Farren, Addleshaw Goddard (Ireland) LLP, Fitzwilliam 28, Fitzwilliam Street Lower, Dublin 2 D02KF20, Ireland.



Application is for a Series of 4 Trade Marks.

274382 18 September 2025

Class 36. Real estate management services including advice and

consultancy relating to property development, planning, infrastructure and land management. Real estate acquisition and development. Disposals of land and homes. Rental of homes. Advisory services on funding and investment for sustainable communities and housing projects.

Class 37. Construction, demolition and renovation of property. Consultancy services relating to property development, construction and land use. Provision of infrastructure to service sites for housing developments. Construction services to support sustainable communities and housing, including innovative development and construction methods.

Class 42. Advisory services for government, government ministers and local authorities in relation to master planning, land use, and infrastructure provision; Consultancy services and assessments in relation to land use planning and feasibility studies.

The Land Development Agency, 4th Floor, Ashford House, Tara Street, Dublin D02 VX67, Ireland. Address for service is c/o Jane Farren, Addleshaw Goddard (Ireland) LLP, Fitzwilliam 28, Fitzwilliam Street Lower, Dublin 2 D02KF20, Ireland.



274383 27 October 2025

Class 25. Golf clothing, other than gloves.

Anthony Devereux, Cullenwaine, Cloughjordan, Tipperary e53 h923, Ireland. Address for service is c/o Anthony Devereux, Cullenwaine, Cloughjordan, Tipperary e53 h923, Ireland.

The mark in use is/will be in the colour(s) Black and White



274384 28 October 2025

Class 33. Irish whiskey, complying with the product specifications of the protected geographical indication Irish Whiskey.

Allied Blenders and Distillers Limited, 394-C Lamington Chambers, Lamington Road, Mumbai MH 400004, India. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

The Energy Room

274385 02 November 2025

Class 41. Health and wellness training.

Class 44. Health spa services for health and wellness of the body and spirit.

Ciara Ginty, Belgarrow, Foxford, Co. Mayo F26 R6DK, Ireland. Address for service is c/o Ciara Ginty, Belgarrow, Foxford, Ireland.

Yankee Clipper

274386 03 November 2025

Class 33. Alcoholic beverages (except beer).

Nicholas Ryan, THE OLD CREAMERY BUILDING DROMBANNA LIMERICK, Limerick V94 P825, Ireland. Address for service is c/o Nicholas Ryan, THE OLD CREAMERY BUILDING DROMBANNA LIMERICK, Limerick V94 P825, Ireland.

BXHF

274387 03 November 2025

Class 36. FINANCIAL SERVICES.

Blackstone TM L.L.C., 345 Park Avenue, New York, New York 10154, United States of America. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



274388 05 November 2025

Class 5. Animal vitamins; animal feed additives; animal feed supplements; medicated animal feed; micro-nutrient animal feed; nutritional drinks for animals; food

supplements for animals; nutritional supplements for animals; dietary supplements for animals; nutritional supplements for animal foodstuffs; pharmaceuticals; animal vitamins; probiotic animal feed.

Mervue Laboratories Limited, Unit 9 Watergrasshill Business Park, Cork, T56HH98, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

Commodious

274389 29 June 2025

Class 41. Training services relating to health and safety; Education and training services in the field of occupational health and safety; Education and training in the field of occupational health and safety.

Gheorghe Popescu, 20 Harcourt Street, Dublin D02H364, Ireland. Address for service is c/o Gheorghe Popescu, 20 Harcourt Street, Dublin D02H364, Ireland.

SEREN

274390 05 November 2025

Class 25. Clothing; Footwear; Headgear; Knitwear; Sweaters; Pullovers; Sweatshirts; Hoodies; Blouses; Shirts; T-shirts; Polo shirts; Shorts; Pants; Trousers; Sweatpants; Tops; Bottoms [clothing]; Jogging bottoms; Casual wear; Evening wear; Formal wear; Dresses; Skirts; Outerwear; Jackets; Coats; Gilets; Anoraks; Tank tops; Vest tops; Baselayer tops and bottoms; Swimwear; Socks; Underwear and nightwear; Sleepwear; Shoes; Sandals; Sweatbands; Wristbands; Hats; Caps; Baseball caps; Beanie hats; Woolly hats; Belts for clothing; Neckwear; Ties; Bow ties; Gloves; Scarves; Shawls.

Darling Distribution Limited, 36 Fashion City, Ballymount, Dublin 24 D24 NY2F, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

Three Cows Organic

274391 23 October 2025

Class 29. Dairy products; Cream [dairy products]; Dairy-based beverages; Dairy products and dairy substitutes; Dairy spreads; Dairy-based spreads; Chilled dairy desserts; Cream, being dairy products; Drinks made from dairy products.

Class 30. Dairy ice cream; Frozen dairy confections; Dairy confectionery.

Irish Organic Milk Suppliers Co-operative, Main St., Balla, Co. Mayo F23VH94, Ireland. Address for service is c/o Irish Organic Milk Suppliers Co-operative, c/o Gavin Lynch, Intack, Donard, Co. Wicklow W91 RD83, Ireland.





Application is for a Series of 3 Trade Marks.

274392 10 October 2025

- Class 5. Medical and veterinary preparations; dietetic food and substances adapted for medical or veterinary use; dietary supplements for animals.
- Class 18. Rawhide chews
- Class 31. Pet food; animal foods, proteins for animal consumption, animal

breeding products; foodstuffs for animals including, but not limited to, dry animal foods; dry animal foods; brawns and frozen foodstuffs, all being meat and poultry based, for animals; tinned dog food; puppy food; dry dog food; meat and chocolate based animal treats; biscuits for animals; nutritional foods for animals; tinned cat foods; dry cat food in pellet form; animal litter; small animal bedding; small animal treats.

Trunature Limited, TruNet House, Norman Court, Ivanhoe Business Park, ASHBY-DE-LA-ZOUCH, Leicestershire LE65 2UZ, United Kingdom. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

FRDM

274393 05 November 2025

- Class 25. Sports clothing; Clothing; Hats; Shoes; Training shoes; Running shoes; Walking shoes; Tennis shoes; Coats; Wrist bands; Sports garments; Under garments.
- Class 30. Coffee beverages; Beverages (Tea-based -); Coffee-based beverages; Chocolate-based beverages; Prepared coffee beverages; Beverages containing chocolate; Beverages made from coffee; Beverages with coffee base; Beverages based on chocolate; Beverages made with chocolate; Confectionery; Candy bars; Chocolate bars.

- Class 32. Water; Mineral water; Still water; Soda water; Sparkling water; Carbonated water; Tonic water; Flavored waters; Drinking waters; Carbonated waters; Waters [beverages]; Fruit beverages; Fruit-flavoured beverages; Mineral waters [beverages]; Fruit juice beverages; Mineral water [beverages]; Fruit-flavored beverages; Flavoured carbonated beverages; Fruit-based beverages; Nutritionally fortified beverages; Coconut water as beverage; Protein-enriched sports beverages; Fruit beverages (non-alcoholic); Non-alcoholic carbonated beverages; Functional water-based beverages; Smoothies [non-alcoholic fruit beverages]; Tonic water [non-medicated beverages]; Fruit juice beverages (Non-alcoholic -); Non-alcoholic fruit juice beverages; Non-alcoholic flavored carbonated beverages; Vitamin fortified non-alcoholic beverages; Vitamin enriched sparkling water [beverages]; Low-alcohol beer; Alcohol free beverages; Low alcohol beer; Non-alcoholic beer; Non-alcoholic beverages; Beer.
- Class 33. Alcoholic fruit beverages; Alcoholic beverages [except beers]; Alcoholic beverages (except beer); Alcoholic beverages, except beer; Pre-mixed alcoholic beverages; Alcoholic beverages except beers; Alcoholic carbonated beverages, except beer; Alcoholic cocktails; Alcoholic energy drinks; Alcoholic beverages of fruit; Alcoholic beverages containing fruit; Pre-mixed alcoholic beverages, other than beer-based; Gin; Vodka; Whiskey; Spirits; Spirits [beverages].

John Hegarty, C/O RPM Sports, Nenagh Road, Thurles, Co. Tipperary E41Y512, Ireland. Address for service is c/o John Hegarty c/o Rory McLoughney, RPM Sports Ltd, Nenagh Road, Co Tipperary, Thurles E41Y512, Ireland.



274394 02 October 2025

- Class 3. Oral care and oral hygiene preparations; Mouthwash; Teeth whitening preparations; teeth whitening strips; non-medicated mouth rinses, washes and sprays; whitening mouthwash; teeth whitening strips impregnated with teeth whitening preparations [cosmetics]; teeth whitening pens; dental bleaching gels; tooth cleaning preparations; toothpaste; tooth polish; tooth powders and gels; dental polish; dental bleaching gels and preparations; dental rinses [non-medicated]; cleaning preparations and cosmetic preparations for the mouth and teeth.
- Class 21. Dental cleaning articles; cosmetic, hygiene and beauty care utensils; toothbrushes; Baby finger toothbrushes; dental sticks and picks for

personal use; tape and floss for dental purposes; battery and electric powered tooth brushes and flossers; water flossers; Oral care kits comprising toothbrushes and floss; toothbrush containers; toothbrush holders; electric toothbrushes; interdental brushes for cleaning the teeth; toothpicks; water apparatus for cleaning teeth and gums; ultrasonic dental cleaning and flossing devices; oral irrigators, other than for use in dentistry; oral care kits comprising any of the aforesaid; parts and fittings for toothbrushes, electric toothbrushes, flossers and water flossers, ultrasonic dental cleaning and flossing devices, and oral irrigators, other than for use in dentistry; parts and fittings for toothbrushes and electric brushes, namely replacement heads therefore.

Spotlight Oral Care Limited, Block 2, Harris House, Small IDA Business Park, Tuam Road, Galway H91RK5Y, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

Printarelle

274395 05 November 2025

Class 16. Printed greeting cards; Printed birthday cards; Printed record cards; Printed announcement cards; Printed correspondence cards;

Printed visiting cards;
Printed business cards;
Vocabulary cards, printed;
Printed post cards; Printed cards; Printed file cards;
Printed score cards; Art prints; Graphic art prints;
Fine art prints.

Natalija Kozlova Vinovrski, 17 Rose Garden, Co Cork, Mallow P51P6VH, Ireland. Address for service is c/o Natalija Kozlova Vinovrski, 17 Rose Garden, Co Cork, Mallow P51P6VH, Ireland.

GLINT

274396 27 September 2025

Class 9. Calibrated glassware; Measuring glassware.

Class 21. Beer pitchers; Beer glasses; Beer steins; Beer mugs; Beverage glassware.

Class 32. Ale; Ales; Pale ale; Ginger ale; Dry ginger ale; IPA (Indian Pale Ale); India pale ales (IPAs); Lager; Lagers; Stout; Stouts; Beer; Beers; Bock beer; Saison beer; Craft beer; Wheat beer; Flavored beer; Root beer; Craft beers; Alcohol free cider; Cider, non-alcoholic.

Class 33. Cider; Ciders; Dry cider; Sweet cider.

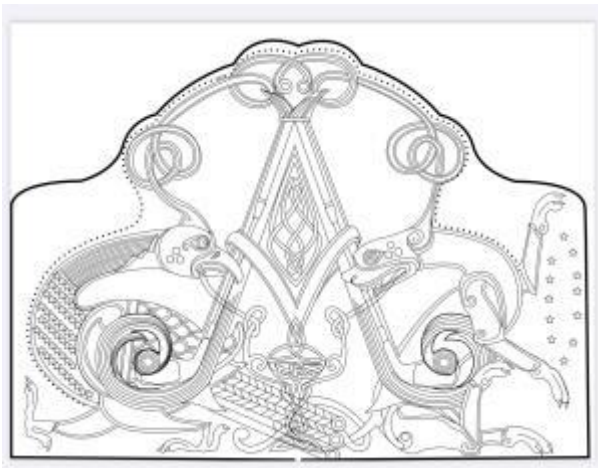
Fergus McCabe, 32 The Glen, Rathfarnham D16 H9P2, Ireland. Address for service is c/o William Fry LLP, 2 Grand Canal Square, Dublin D02 A342, Ireland.

ANDREX SKIN PROTECT

274397 17 October 2025

Class 16. Toilet tissue.

Kimberly-Clark Worldwide, Inc., 2300 Winchester Road, Neenah, Wisconsin 54956, United States of America. Address for service is c/o Fiona Gorman, C/O F. F. Gorman & Co, 15 Clanwilliam Square, Dublin 2, Ireland.



274398 05 November 2025

Class 25. Clothing.

Sean Trodden, Greystones, River Lane, Carlingford LOUTH, Ireland. Address for service is c/o Sean Trodden, Greystones, River Lane, Carlingford LOUTH, Ireland.



274399 29 September 2025

Class 41. Coaching; Education; Education information; Educational seminars; Educational information; Education and training; Workshops for educational purposes; Conducting courses, seminars and workshops; Training courses; Online education services; Book publishing; Health education.

Johann Callaghan, 19 Gallow Hill Court, Athy Kildare R14 EE77, Ireland. Address for service is c/o Johann Callaghan, 19 Gallow Hill Court, Athy Kildare R14 EE77, Ireland.



274400 22 October 2025

Class 25. Knitwear [clothing]; Jerseys [clothing]; Boys' clothing; Rainproof clothing; Waterproof clothing; Windproof clothing; Shorts [clothing]; Weatherproof clothing; Sports clothing; Outer clothing; Girls' clothing; Gloves as clothing; Water-resistant clothing; Jackets (Stuff -) [clothing]; Women's clothing; Clothing for sports; Weather resistant outer clothing; Articles of sports clothing; Articles of outer clothing; Golf clothing, other than gloves; Clothing for men, women and children; Sports clothing [other than golf gloves]; Parts of clothing, footwear and headgear; Clothes for sports; Sports garments; Clothes for sport; Hats; Baseball hats; Bucket hats; Baseball caps and hats; Sports caps and hats.

Sean Hill, 64 Abbeyfield, Kilcock, Kildare W23 H578, Ireland. Address for service is c/o Sean Hill, 64 Abbeyfield, Kilcock, Kildare W23 H578, Ireland.



274401 15 September 2025

Class 35. Advertising services; marketing services; promotional services; business management services; business administration services; business consultancy services; sales promotion for others; import-export agency services; online retail services in relation to consumer goods; retail services in relation to consumer goods; public relations services.

Nizi Thaliyappuram Luiz, 88, Cluain Bui, Greenville, Enniscorthy, Wexford Y21A3H7, Ireland. Address for service is c/o Nizi Thaliyappuram Luiz, 88, Cluain Bui, Greenville, Enniscorthy, Wexford Y21A3H7, Ireland.

The mark in use is/will be in the colour(s) white, brown, green.



274402 24 September 2025

Class 39. Collection of merchandise.

Jack Markham, 1 Rosehaven Sheepgrange, Tullyallen, Drogheda A92T9C3, Ireland. Address for service is c/o Jack Markham, Rosehaven Sheepgrange, Tullyallen, Co. Louth A92T9C3, Ireland.

The mark in use is/will be in the colour(s) Black, White, yellow, Red.

Ittos

274403 04 November 2025

Class 3. Cosmetics; Age spot reducing creams; Ethereal oils; Toothpaste; Perfumery and fragrances; Shampoos; Bath lotion; Soap; Bath oil; Hair lotions; Solid perfumes; Tooth cleaning preparations; Cleaning preparations; Laundry preparations;

Washing balls filled with laundry detergents; Nail varnish; Lip rouge; Non-medicated toiletry preparations; Cosmetics for children; Colour cosmetics for children; Vaginal washes for personal sanitary or deodorant purposes; Baby care products (Non-medicated -); Hair preparations and treatments; False eyelashes; Cleansers for intimate personal hygiene purposes, non-medicated; Skin care products for animals; Beauty masks; Facial washes [cosmetic]; False nails; Mascara; Make-up; Cleaning agents for household purposes; Body lotions; Hair dyeing preparations; Oral hygiene preparations; Hair grooming preparations; Body oils [for cosmetic use]; Toothpaste in soft cake form; Fragrances for automobiles; Air fragrancing preparations; Dishwashing liquid; Wipes impregnated with a skin cleanser; Bath preparations for animals; Wax strips for removing body hair; Eyeliner; Carnauba wax for automotive use; Abrasive preparations for polishing; Depilatory preparations; Animal grooming preparations; Aromatherapy preparations; Hand soaps; Toilet cleaners; Floor cleaning preparations; Skin care preparations; Sunscreen; Hair spray; Wipes incorporating cleaning preparations; Cosmetic preparations for skin care; Shampoos for pets [non-medicated grooming preparations]; Milky lotions for skin care; Skin cream; Essences for skin care; Acne cleansers, cosmetic; Sandpaper; Household fragrances; Hair masks; Skin

toners; Non-medicated face care preparations; Hand masks for skin care; Make-up removing preparations; Shaving preparations; Anti-wrinkle cream; Personal deodorants; Eye gels; Eyebrow pencils; Face creams for cosmetic use; Hair straightening preparations; Tissues impregnated with make-up removing preparations; Fabric softeners; Moustache wax; Adhesives for false eyelashes, hair and nails; Nail care preparations; Nail art stickers; Tooth whitening preparations; Massage candles for cosmetic purposes; Lip glosses; Massage gels, other than for medical purposes; Tooth care preparations.

VICCOME LTD, Flat 10 Hamilton Lodge 2
Cleveland Grove, London E1 4XH, United
Kingdom. Address for service is c/o VICCOME
LTD, c/o Fangyan Ju, BPM 318916, S.M.L. Rue
Emile Galle 2 Val Euromoselle Nord, 57280
Maizieres Les Metz, France.

Plantiful

274404 14 June 2024

Class 1. Fertilizing preparations.

HAUERT HBG DÜNGER AG, Dorfstr. 12, CH-
3257 Grossaffoltern, Switzerland. Address for
service is c/o TOMKINS & CO., 5 Dartmouth Road,
Dublin 6, Ireland.

Eissy

274405 06 November 2025

Class 5. Medicinal healthcare preparations; Dietary and nutritional supplements; Disinfectants; Dietetic substances adapted for medical use; Nutraceutical preparations for animals; Veterinary preparations; Bacterial poisons; Vaginal washes; Drug delivery agents in the form of coatings for tablets that facilitate the delivery of pharmaceutical preparations; Liquid nutritional supplements; Ointments for pharmaceutical purposes; Antiseptics; Transdermal patches; Disinfectants for hygiene purposes; Panty liners [sanitary]; Sanitary towels; Contraceptive preparations; Powdered milk for babies; Diagnostic agents for medical use; Nutritional supplements; Dietary supplements with a cosmetic effect; Dietary and nutritional preparations; Nutraceuticals for use as a dietary supplement; Drugs for medical purposes; Fish oil for medical purposes; Eyepatches for medical purposes; Yeast dietary supplements; Dietary supplements; Medicines for human purposes; Dietary supplements for pets; Dietary supplemental drinks; Dietary supplements for animals; Nutraceutical preparations for humans; Motion sickness treatment preparations; Ground flaxseed fiber for use as a dietary supplement; Protein powder dietary supplements; Dietetic foods adapted for medical

purposes; Medicines for animals; Food for babies; Dietary pet supplements in the form of pet treats; Anti-oxidant supplements; Mineral dietary supplements; Massage gels for medical purposes; Probiotic supplements; Dietary fiber; Topical gels for medical and therapeutic use; Slimming pills; Vaginal washes for medical purposes; Vitamin and mineral supplements for pets; Sanitary preparations and articles; Personal sexual lubricants; Paper diapers; Babies' diaper-pants; Dietetic foods adapted for medical use; Anti-inflammatory ointments; Medicinal sprays; Candy for medical purposes; Air deodorants; Diapers for incontinence; Babies' diapers; Disposable babies' diapers of paper and cellulose; Feminine hygiene products; Cod liver oil; Pesticides; Anthelmintics; Pads (Breast-nursing -); Vaginal antifungals; Medicated plasters; Collyrium; Air purifying preparations; Medicated body gels; Disinfectants for sanitary purposes; Sexual stimulant gels; Vaginal lubricants; Adhesive patches for medical purposes; Mercurial ointments; Collagen for medical purposes; Antibacterial gels; Sanitary preparations for medical purposes; Disinfectant soap; Medicated soap; Medicated dentifrices; Nutritional supplements for veterinary use; Medical dressings; Teeth filling material; Antibacterial handwashes; Fungicides; Chemical preparations for medical purposes; Medicinal herbs; Parasiticides; Vitamin and mineral supplements; Toilet deodorants; Moist

paper hand towels impregnated with a pharmaceutical lotion; Medicinal alcohol; Pharmaceutical preparations for skin care; Tissues impregnated with antibacterial preparations; Tissues impregnated with pharmaceutical lotions; Virucides; Lotions for pharmaceutical purposes; Diagnostic preparations for medical purposes; Mosquito-repellent patches for babies; Mosquito repellants for application to the skin; Enzyme dietary supplements; Pharmaceutical preparations for animals; Probiotic bacterial formulations for medical use; Medicated mouthwash; Empty capsules for pharmaceuticals; Vitamins and vitamin preparations; Food supplements for veterinary use; Beverages adapted for medicinal purposes; Dietetic beverages adapted for medical purposes; Babies' nappies; Medicinal hair growth preparations; Medicated toiletry preparations; Pharmaceutical preparations for treating dandruff; Medicated lotions; Herbal extracts, other than essential oils, for medical purposes; Extracts of medicinal plants; Suppositories; Haemorrhoid preparations; Sunburn ointments; Sanitising wipes; Detergents for medical purposes; Germicides; Alcohol for pharmaceutical purposes; Acne treatment preparations; Medicinal drinks; Medicinal tea; Medical preparations for slimming purposes; Infant formula; Lacteal flour for babies; Milk powder for babies; Malted milk beverages for medical

purposes; Chewing gum for medical purposes; Food preparations for babies and infants; Food for infants; Insect repellants; Sanitary napkins; Antibacterial wipes; Sanitary pants; Sanitary panties; Herbs for medicinal purposes; Herbal teas for medicinal purposes; Capsules for medicines; Medical plasters; Diapers for pets; Medicated shampoos for pets; Yeast for pharmaceutical purposes; Vaginal moisturizers; Lubricants for medical use; Vitamin preparations; Vitamin supplement patches; Vitamin supplements; Gummy vitamins; Antihypertensives; Coenzyme Q10 dietary supplements; Chondroitin preparations; Medicated face lotions; Medicated skin lotions; Skin care lotions [medicated]; Medicated lotions for the hands; Medicated creams; Body creams [medicated]; Medicated skin creams; Babies' creams [medicated]; Protective creams (Medicated -); Deodorants for upholstery; Bathroom deodorants; Refrigerator deodorants; Deodorants, other than for human beings or for animals; Diagnostic preparations and materials, for medical and veterinary purposes; Dermatological pharmaceutical products; Pharmaceutical products for ophthalmological use; Pharmaceutical products and preparations for chloasma; Pharmaceutical products for treating respiratory diseases; Pharmaceutical products for skin care for animals; Pharmaceutical products for the treatment of bone diseases; Pharmaceutical products for the treatment of

infectious diseases; Pharmaceutical products for the treatment of depression; Pharmaceutical products for the treatment of cancer; Pharmaceutical products for the treatment of viral diseases; Pregnancy testing preparations; Pregnancy testing preparations for home use; Lotions (Tissues impregnated with pharmaceutical -); Impregnated medicated wipes; Dietetic substances adapted for veterinary use; Dietetic food adapted for veterinary use; Nutritional supplements for livestock feed; Vitamins for pets; Baby vitamins.

VICCOME LTD, Flat 10 Hamilton Lodge 2
 Cleveland Grove, London E1 4XH, United
 Kingdom. Address for service is c/o VICCOME
 LTD c/o Fangyan Ju, BPM 318916, S.M.L. Rue
 Emile Galle 2 Val Euromoselle Nord, 57280
 Maizieres Les Metz, France.

Liberties Poplin

274406 11 October 2025

Class 24. Fabric; Woollen fabric; Silk
 fabrics; Woven fabrics; Silk-
 wool mixed fabrics; Silk
 base mixed fabrics; Wool
 base mixed fabrics.

The Liberties Weavers, 98 Newmarket square,
 Blackpitts, Dublin D08 NNP2, Ireland. Address for
 service is c/o The Liberties Weavers, C/o Claire
 Byrne, 98 Newmarket Square, Blackpitts, Dublin
 D08 NNP2, Ireland.

The mark in use is/will be in the colour(s) Navy

SACKVILLE IRISH WHISKEY

274407 05 September 2025

Class 33. Whiskey complying with the specifications of the protected geographical indication 'Irish Whiskey'.

INTREPID SPIRITS LIMITED, 25 MERRION SQUARE, DUBLIN 2, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

Irril

274408 11 November 2025

Class 5. Medicinal healthcare preparations; Dietary and nutritional supplements; Disinfectants; Dietetic substances adapted for medical use; Nutraceutical preparations for animals; Veterinary preparations; Bacterial poisons; Vaginal washes; Drug delivery agents in the form of coatings for tablets that facilitate the delivery of pharmaceutical preparations; Liquid

nutritional supplements; Ointments for pharmaceutical purposes; Antiseptics; Transdermal patches; Disinfectants for hygiene purposes; Panty liners [sanitary]; Sanitary towels; Contraceptive preparations; Powdered milk for babies; Diagnostic agents for medical use; Nutritional supplements; Dietary supplements with a cosmetic effect; Dietary and nutritional preparations; Nutraceuticals for use as a dietary supplement; Drugs for medical purposes; Fish oil for medical purposes; Eyepatches for medical purposes; Yeast dietary supplements; Dietary supplements; Medicines for human purposes; Dietary supplements for pets; Dietary supplemental drinks; Dietary supplements for animals; Nutraceutical preparations for humans; Motion sickness treatment preparations; Ground flaxseed fiber for use as a dietary supplement; Protein powder dietary supplements; Dietetic foods adapted for medical purposes; Medicines for animals; Food for babies; Dietary pet supplements in the form of pet treats; Anti-oxidant supplements; Mineral dietary supplements; Massage gels for medical purposes; Probiotic supplements; Topical gels for medical and therapeutic use; Dietary fiber; Slimming pills; Vaginal washes for medical purposes; Vitamin and mineral supplements for pets; Sanitary preparations and articles; Personal sexual lubricants; Paper diapers; Babies' diaper-pants; Dietetic foods adapted for medical use; Anti-inflammatory ointments; Medicinal sprays;

Candy for medical purposes; Air deodorants; Diapers for incontinence; Babies' diapers; Disposable babies' diapers of paper and cellulose; Feminine hygiene products; Cod liver oil; Pesticides; Anthelmintics; Pads (Breast-nursing -); Vaginal antifungals; Medicated plasters; Collyrium; Air purifying preparations; Medicated body gels; Disinfectants for sanitary purposes; Sexual stimulant gels; Vaginal lubricants; Adhesive patches for medical purposes; Mercurial ointments; Collagen for medical purposes; Antibacterial gels; Sanitary preparations for medical purposes; Disinfectant soap; Medicated soap; Medicated dentifrices; Nutritional supplements for veterinary use; Medical dressings; Teeth filling material; Antibacterial handwashes; Fungicides; Chemical preparations for medical purposes; Medicinal herbs; Parasiticides; Vitamin and mineral supplements; Toilet deodorants; Moist paper hand towels impregnated with a pharmaceutical lotion; Medicinal alcohol; Pharmaceutical preparations for skin care; Tissues impregnated with antibacterial preparations; Tissues impregnated with pharmaceutical lotions; Virucides; Lotions for pharmaceutical purposes; Diagnostic preparations for medical purposes; Mosquito-repellent patches for babies; Mosquito repellants for application to the skin; Enzyme dietary supplements; Pharmaceutical preparations for animals; Probiotic bacterial formulations for

medical use; Medicated mouthwash; Empty capsules for pharmaceuticals; Vitamins and vitamin preparations; Food supplements for veterinary use; Beverages adapted for medicinal purposes; Dietetic beverages adapted for medical purposes; Babies' nappies; Medicinal hair growth preparations; Medicated toiletry preparations; Pharmaceutical preparations for treating dandruff; Medicated lotions; Herbal extracts, other than essential oils, for medical purposes; Extracts of medicinal plants; Suppositories; Haemorrhoid preparations; Sunburn ointments; Sanitising wipes; Detergents for medical purposes; Germicides; Alcohol for pharmaceutical purposes; Acne treatment preparations; Medicinal drinks; Medicinal tea; Medical preparations for slimming purposes; Infant formula; Lactéal flour for babies; Milk powder for babies; Malted milk beverages for medical purposes; Chewing gum for medical purposes; Food preparations for babies and infants; Food for infants; Insect repellants; Sanitary napkins; Antibacterial wipes; Sanitary pants; Sanitary panties; Herbs for medicinal purposes; Herbal teas for medicinal purposes; Capsules for medicines; Medical plasters; Diapers for pets; Medicated shampoos for pets; Yeast for pharmaceutical purposes; Vaginal moisturizers; Lubricants for medical use; Vitamin preparations; Vitamin supplement patches; Vitamin supplements; Gummy vitamins;

Antihypertensives;
 Coenzyme Q10 dietary supplements; Chondroitin preparations; Medicated face lotions; Medicated skin lotions; Skin care lotions [medicated]; Medicated lotions for the hands; Medicated creams; Body creams [medicated]; Medicated skin creams; Babies' creams [medicated]; Protective creams (Medicated -); Deodorants for upholstery; Bathroom deodorants; Refrigerator deodorants; Deodorants, other than for human beings or for animals; Diagnostic preparations and materials, for medical and veterinary purposes; Dermatological pharmaceutical products; Pharmaceutical products for ophthalmological use; Pharmaceutical products and preparations for chloasma; Pharmaceutical products for treating respiratory diseases; Pharmaceutical products for skin care for animals; Pharmaceutical products for the treatment of bone diseases; Pharmaceutical products for the treatment of infectious diseases; Pharmaceutical products for the treatment of depression; Pharmaceutical products for the treatment of cancer; Pharmaceutical products for the treatment of viral diseases; Pregnancy testing preparations; Pregnancy testing preparations for home use; Lotions (Tissues impregnated with pharmaceutical -); Impregnated medicated wipes; Dietetic substances adapted for veterinary use; Dietetic food adapted for veterinary use; Nutritional supplements for livestock feed; Vitamins for pets; Baby vitamins.

VICCOME LTD, Flat 10 Hamilton Lodge 2
 Cleveland Grove, London E1 4XH, United
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 Emile Galle 2 Val Euromoselle Nord, 57280
 Maizieres Les Metz, France.

LoAir

274409 11 November 2025

Class 5. Medicinal healthcare preparations; Disinfectants; Dietetic substances adapted for medical use; Nutraceutical preparations for animals; Veterinary preparations; Bacterial poisons; Vaginal washes; Drug delivery agents in the form of coatings for tablets that facilitate the delivery of pharmaceutical preparations; Liquid nutritional supplements; Ointments for pharmaceutical purposes; Antiseptics; Transdermal patches; Disinfectants for hygiene purposes; Panty liners [sanitary]; Sanitary towels; Contraceptive preparations; Powdered milk for babies; Diagnostic agents for medical use; Nutritional supplements; Dietary supplements with a cosmetic effect; Dietary and nutritional preparations; Nutraceuticals for use as a dietary supplement; Drugs for medical purposes; Fish oil for medical purposes; Eyepatches for medical purposes; Yeast dietary supplements; Dietary supplements; Medicines for

human purposes; Dietary supplements for pets; Dietary supplemental drinks; Dietary supplements for animals; Nutraceutical preparations for humans; Motion sickness treatment preparations; Ground flaxseed fiber for use as a dietary supplement; Protein powder dietary supplements; Dietetic foods adapted for medical purposes; Medicines for animals; Food for babies; Dietary pet supplements in the form of pet treats; Anti-oxidant supplements; Mineral dietary supplements; Massage gels for medical purposes; Probiotic supplements; Dietary fiber; Topical gels for medical and therapeutic use; Slimming pills; Vaginal washes for medical purposes; Vitamin and mineral supplements for pets; Sanitary preparations and articles; Personal sexual lubricants; Paper diapers; Babies' diaper-pants; Dietetic foods adapted for medical use; Anti-inflammatory ointments; Medicinal sprays; Candy for medical purposes; Air deodorants; Diapers for incontinence; Babies' diapers; Disposable babies' diapers of paper and cellulose; Feminine hygiene products; Cod liver oil; Pesticides; Anthelmintics; Pads (Breast-nursing -); Vaginal antifungals; Medicated plasters; Collyrium; Air purifying preparations; Medicated body gels; Disinfectants for sanitary purposes; Sexual stimulant gels; Vaginal lubricants; Adhesive patches for medical purposes; Mercurial ointments; Collagen for medical purposes; Antibacterial gels; Sanitary preparations for medical purposes;

Disinfectant soap; Medicated soap; Medicated dentifrices; Nutritional supplements for veterinary use; Medical dressings; Teeth filling material; Antibacterial handwashes; Fungicides; Chemical preparations for medical purposes; Medicinal herbs; Parasiticides; Vitamin and mineral supplements; Toilet deodorants; Moist paper hand towels impregnated with a pharmaceutical lotion; Medicinal alcohol; Pharmaceutical preparations for skin care; Tissues impregnated with antibacterial preparations; Tissues impregnated with pharmaceutical lotions; Virucides; Lotions for pharmaceutical purposes; Diagnostic preparations for medical purposes; Mosquito-repellent patches for babies; Mosquito repellants for application to the skin; Enzyme dietary supplements; Pharmaceutical preparations for animals; Probiotic bacterial formulations for medical use; Medicated mouthwash; Empty capsules for pharmaceuticals; Vitamins and vitamin preparations; Food supplements for veterinary use; Beverages adapted for medicinal purposes; Dietetic beverages adapted for medical purposes; Babies' nappies; Medicinal hair growth preparations; Medicated toiletry preparations; Pharmaceutical preparations for treating dandruff; Medicated lotions; Herbal extracts, other than essential oils, for medical purposes; Extracts of medicinal plants; Suppositories; Haemorrhoid preparations; Sunburn ointments; Sanitising wipes;

Detergents for medical purposes; Germicides; Alcohol for pharmaceutical purposes; Acne treatment preparations; Medicinal drinks; Medicinal tea; Medical preparations for slimming purposes; Infant formula; Lactéal flour for babies; Milk powder for babies; Malted milk beverages for medical purposes; Chewing gum for medical purposes; Food preparations for babies and infants; Food for infants; Insect repellants; Sanitary napkins; Antibacterial wipes; Sanitary pants; Sanitary panties; Herbs for medicinal purposes; Herbal teas for medicinal purposes; Capsules for medicines; Medical plasters; Diapers for pets; Medicated shampoos for pets; Yeast for pharmaceutical purposes; Vaginal moisturizers; Lubricants for medical use; Vitamin preparations; Vitamin supplement patches; Vitamin supplements; Gummy vitamins; Antihypertensives; Coenzyme Q10 dietary supplements; Chondroitin preparations; Medicated face lotions; Medicated skin lotions; Skin care lotions [medicated]; Medicated lotions for the hands; Medicated creams; Body creams [medicated]; Medicated skin creams; Babies' creams [medicated]; Protective creams (Medicated -); Deodorants for upholstery; Bathroom deodorants; Refrigerator deodorants; Deodorants, other than for human beings or for animals; Diagnostic preparations and materials, for medical and veterinary purposes; Dermatological pharmaceutical products;

Pharmaceutical products for ophthalmological use; Pharmaceutical products and preparations for chloasma; Pharmaceutical products for treating respiratory diseases; Pharmaceutical products for skin care for animals; Pharmaceutical products for the treatment of bone diseases; Pharmaceutical products for the treatment of infectious diseases; Pharmaceutical products for the treatment of depression; Pharmaceutical products for the treatment of cancer; Pharmaceutical products for the treatment of viral diseases; Pregnancy testing preparations; Pregnancy testing preparations for home use; Lotions (Tissues impregnated with pharmaceutical -); Impregnated medicated wipes; Dietetic substances adapted for veterinary use; Dietetic food adapted for veterinary use; Nutritional supplements for livestock feed; Vitamins for pets; Baby vitamins; Dietary and nutritional supplements.

VICCOME LTD, Flat 10 Hamilton Lodge 2
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Emile Galle 2 Val Euromoselle Nord, 57280
Maizieres Les Metz, France.

Wozze

274410 06 November 2025

Class 3. Cosmetics; Age spot reducing creams; Ethereal oils; Toothpaste; Perfumery and fragrances; Shampoos; Bath lotion; Soap; Bath oil; Hair lotions; Solid perfumes; Tooth cleaning preparations; Cleaning preparations; Laundry preparations; Washing balls filled with laundry detergents; Nail varnish; Lip rouge; Non-medicated toiletry preparations; Cosmetics for children; Colour cosmetics for children; Vaginal washes for personal sanitary or deodorant purposes; Baby care products (Non-medicated -); Hair preparations and treatments; False eyelashes; Cleansers for intimate personal hygiene purposes, non-medicated; Skin care products for animals; Beauty masks; Facial washes [cosmetic]; False nails; Mascara; Make-up; Cleaning agents for household purposes; Body lotions; Hair dyeing preparations; Oral hygiene preparations; Hair grooming preparations; Body oils [for cosmetic use]; Toothpaste in soft cake form; Fragrances for automobiles; Air fragrancing preparations; Dishwashing liquid; Wipes impregnated with a skin cleanser; Bath preparations for animals; Wax strips for removing body hair; Eyeliner; Carnauba wax for automotive use; Abrasive preparations for polishing; Depilatory preparations; Animal grooming preparations; Aromatherapy preparations; Hand soaps; Toilet cleaners; Floor cleaning preparations; Skin care preparations; Sunscreen; Hair spray; Wipes incorporating cleaning preparations; Cosmetic

preparations for skin care; Shampoos for pets [non-medicated grooming preparations]; Milky lotions for skin care; Skin cream; Essences for skin care; Acne cleansers, cosmetic; Sandpaper; Household fragrances; Hair masks; Skin toners; Non-medicated face care preparations; Hand masks for skin care; Make-up removing preparations; Shaving preparations; Anti-wrinkle cream; Personal deodorants; Eye gels; Eyebrow pencils; Face creams for cosmetic use; Hair straightening preparations; Tissues impregnated with make-up removing preparations; Fabric softeners; Moustache wax; Adhesives for false eyelashes, hair and nails; Nail care preparations; Nail art stickers; Tooth whitening preparations; Massage candles for cosmetic purposes; Lip glosses; Massage gels, other than for medical purposes; Tooth care preparations.

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Emile Galle 2 Val Euromoselle Nord, 57280
Maizieres Les Metz, France.



274411 10 November 2025

- Class 9. Computer software relating to the handling of financial transactions.
- Class 36. Financial services.

William Wilkinson, 3 Charleston Court, Bailick Road, Midleton, Co. Cork 25 X018, Ireland. Address for service is c/o William Wilkinson, 3 Charleston Court, Bailick Road, Midleton, Co. Cork P25 X018, Ireland.

The mark in use is/will be in the colour(s) logo in deep red and white, wording in black



274412 22 October 2025

- Class 3. Skin cleansers; Skin cream.

Keith McCracken, 28 Abbeyvale Way, Swords Manor, Dublin K67Y8D8, Ireland. Address for service is c/o Keith McCracken, 28 Abbeyvale Way, Swords Manor, Dublin, Ireland.

The mark in use is/will be in the colour(s) green brown yellow grey white

Zitty

274413 06 November 2025

- Class 3. Cosmetics; Age spot reducing creams; Ethereal oils; Toothpaste; Perfumery and fragrances; Shampoos; Bath lotion; Soap; Bath oil; Hair lotions; Solid perfumes; Tooth cleaning preparations; Cleaning preparations; Laundry preparations; Washing balls filled with laundry detergents; Nail varnish; Lip rouge; Non-medicated toiletry preparations; Cosmetics for children; Colour cosmetics for children; Vaginal washes for personal sanitary or deodorant purposes; Baby care products (Non-medicated -); Hair preparations and treatments; False eyelashes; Cleansers for intimate personal hygiene purposes, non-medicated; Skin care products for animals; Beauty masks; Facial washes [cosmetic]; False nails; Mascara; Make-up; Cleaning agents for household purposes; Body lotions; Hair dyeing preparations; Oral hygiene preparations; Hair grooming preparations; Body oils [for cosmetic use]; Toothpaste in soft cake form; Fragrances for automobiles; Air fragrancing preparations; Dishwashing liquid; Wipes impregnated with a skin cleanser; Bath preparations for animals; Wax strips for removing body hair; Eyeliner; Carnauba wax for automotive use; Abrasive preparations for polishing; Depilatory preparations; Animal grooming preparations; Aromatherapy

preparations; Hand soaps; Toilet cleaners; Floor cleaning preparations; Skin care preparations; Sunscreen; Hair spray; Wipes incorporating cleaning preparations; Cosmetic preparations for skin care; Shampoos for pets [non-medicated grooming preparations]; Milky lotions for skin care; Skin cream; Essences for skin care; Acne cleansers, cosmetic; Sandpaper; Household fragrances; Hair masks; Skin toners; Non-medicated face care preparations; Hand masks for skin care; Make-up removing preparations; Shaving preparations; Anti-wrinkle cream; Personal deodorants; Eye gels; Eyebrow pencils; Face creams for cosmetic use; Hair straightening preparations; Tissues impregnated with make-up removing preparations; Fabric softeners; Moustache wax; Adhesives for false eyelashes, hair and nails; Nail care preparations; Nail art stickers; Tooth whitening preparations; Massage candles for cosmetic purposes; Lip glosses; Massage gels, other than for medical purposes; Tooth care preparations.

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Emile Galle 2 Val Euromoselle Nord, 57280
Maizieres Les Metz, France.

OYG

274414 07 October 2025

- Class 9. Class 9: Portable power stations; rechargeable batteries; lithium-ion batteries; battery packs; power inverters; DC power converters; solar battery chargers; solar charge controllers; portable solar generators; electrical power storage devices; adapters, cables and connectors for power supply; monitoring and control devices for portable energy systems.
- Class 11. Class 11: Portable solar panels; photovoltaic solar modules; solar energy collectors; power generation apparatus using solar energy; solar-powered lighting and energy systems; accessories and fittings for solar energy equipment.
- Class 35. Class 35: Retail and online retail store services featuring clean energy products, portable power stations, solar panels, solar charging devices, and related accessories; business marketing and promotional services in the field of renewable and portable energy; import and distribution of energy storage products.

Off Your Grid Limited, 29 Millford, Athgarvan,
Kildare W12WD80, Ireland. Address for service is
c/o Off Your Grid Limited, C/o Christina McNally,
29 Millford, Athgarvan, Kildare W12WD80, Ireland.



274415 14 October 2025

Class 9. Software; Application software; Dashboard software; Business software; AI software; Conference software; Mobile software.

Maheshwar Haldar, Saint Annes, 30 Pennywell Road, Pennywell, Limerick V94KD3C, Ireland. Address for service is c/o Maheshwar Haldar, Saint Annes, 30 Pennywell Road, Pennywell, Limerick V94KD3C, Ireland.

World Stoutista Championship

274416 13 October 2025

Class 41. Organisation, production and presentation of competitions, contests and award

ceremonies relating to stout pouring, bar service, and beverage preparation; entertainment services in the nature of live, televised and streamed events featuring demonstrations and contests among bartenders and stout-pourers; provision of education and training services in the field of beer-pouring techniques, brewing appreciation and hospitality skills; organisation of cultural events, exhibitions and festivals relating to stout, beer and Irish culture; production of audio, video, television and online programmes featuring such competitions and related educational or entertainment content; provision of non-downloadable videos and non-downloadable electronic publications in the field of stout pouring, bar service, brewing appreciation and hospitality skills.

David Kirwan, 26 Sandymount Road, Sandymount, Dublin D04V677, Ireland. Address for service is c/o David Kirwan, 26 Sandymount Road, Sandymount, Dublin D04V677, Ireland.

The mark in use is/will be in the colour(s) Black

Qmove

274417 07 November 2025

Class 9. Downloadable computer application software for mobile phones; Computer peripheral devices; Computer software, recorded; Global

- Positioning System [GPS] apparatus; Self-checkout terminals; Neon signs; Dashboard cameras; Batteries, electric, for vehicles; Milage recorders for vehicles; Charging stations for electric vehicles.
- Class 35. Advertising; Presentation of goods on communication media, for retail purposes; Import-export agency services; Providing business information via a website; Sponsorship search; Retail services for pharmaceutical, veterinary and sanitary preparations and medical supplies; Provision of an online marketplace for buyers and sellers of goods and services; Sales promotion for others; Systemization of information into computer databases; Auctioneering.
- Class 39. Transportation logistics; Transport; Transport brokerage; Providing transportation information; Transport reservation; Car transport; Parcel delivery; Car sharing services; Chauffeur services; Delivery of goods.

QMOVE INTERNATIONAL (SG) PTE. LTD., 6 RAFFLES QUAY, #14-06, Singapore 048580, Singapore. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.



274418 07 November 2025

- Class 5. Tapes for strapping [medical]; Adhesive tapes for medical purposes.
- Class 17. Strapping tape.

Fio Limited, Guardian Management Accounting, Grange Road Office Park, Unit 3, Dublin, Ireland. Address for service is c/o Fio Limited, c/o Paul Ryan, 23 Dargle Wood, Knocklyon, Dublin D16 F298, Ireland.

Outside the Lines Learning

274419 18 September 2025

- Class 9. Downloadable educational resources; electronic publications; downloadable teaching materials; educational software.

Class 16. Printed educational materials; printed classroom teaching resources; printed worksheets, activity sheets, and educational materials for use by teachers and students.

Class 41. Providing online non-downloadable educational materials and teaching resources for teachers and students; educational services, namely the provision of online teaching resources.

Shania McDonald, 10 Belfry Avenue, Dundalk A91E6N3, Ireland. Address for service is c/o Shania McDonald, 10 Belfry Avenue, Dundalk A91E6N3, Ireland.

RHEVA

274420 10 November 2025

Class 5. Nutritional and dietary supplements; vitamin and mineral preparations; nutraceuticals; powdered nutritional supplement drink mixes.

Class 9. Downloadable mobile applications for monitoring and tracking wellness, hormonal, and nutritional data; downloadable software for providing personalized health insights.

Laura Bleyendaal, 33 Richmond Avenue, Monkstown, Blackrock, Dublin A94DV26, Ireland. Address for service is c/o Laura Bleyendaal, 33 Richmond Avenue, Monkstown, Blackrock A94DV26, Ireland.

BAYVIEW MEDICAL

274421 12 November 2025

Class 44. Medical services; Healthcare services.

Elston & Monsoon Limited, Unit 5, Killiney Shopping Centre, Rochestown Avenue, Killiney, Co. Dublin A96XA78, Ireland. Address for service is c/o Cruickshank, 8 A Unit, Sandyford Business Centre, Sandyford D18R2N8, Ireland.

PYNT

274422 10 November 2025

Class 25. Clothing; footwear; headgear.

Class 35. Retail and online store services featuring clothing and accessories.

Stephen Pyne, 30 Montrose Crescent, Artane, Dublin 5 D05A2R3, Ireland. Address for service is c/o Stephen Pyne, 30 Montrose Crescent, Artane, Dublin 5 D05A2R3, Ireland.



274423 10 November 2025

Class 25. Clothing; footwear; headgear.

Class 35. Retail and online store services featuring clothing and accessories.

Stephen Pyne, 30 Montrose Crescent, Artane, Dublin 5 D05A2R3, Ireland. Address for service is c/o Stephen Pyne, 30 Montrose Crescent, Artane, Dublin 5 D05A2R3, Ireland.



274424 10 November 2025

Class 25. Clothing; footwear; headgear.

Class 35. Retail and online store services featuring clothing and accessories.

Stephen Pyne, 30 Montrose Crescent, Artane, Dublin 5 D05A2R3, Ireland. Address for service is c/o Stephen Pyne, 30 Montrose Crescent, Artane, Dublin 5 D05A2R3, Ireland.

BREWTIQUE

274425 19 August 2025

Class 40. Brewing services.

Coffee Lads Ltd, Ground Floor 71 Lower Baggot Street, Dublin D02P593, Ireland. Address for service is c/o Coffee Lads Ltd, C/o RICARDO CAMPOS MARINO, 28 Trimleston Gardens, Booterstown, Dublin A94DH22, Ireland.



Application is for a Series of 2 Trade Marks.

274426 24 October 2025

Class 18. Bridles [harness]; Horse bridles; Bridles for horses; Bridles [harnessing]; Saddlery; Saddlebags; Saddletrees; Saddle blankets; Saddle covers; Saddle cloths; Saddle pads; Saddle trees; Saddle belts; Riding saddles; Pads for horse saddles; Horse

saddles; Covers for horse saddles; Fastenings for saddles; Covers for horse-saddles; Cloths for saddles; Straps of leather [saddlery]; Saddles (Pads for horse -); Saddlery, whips and apparel for animals; Saddlery of leather; Saddlecloths for horses.

Class 41. Horse training; Horse riding instruction; Horses (Training of -).

Phillippa Christie, Tooreen Track Livery, Knocknagoshel V92 X6KF, Ireland. Address for service is c/o Phillippa Christie, Tooreen Track Livery, Knocknagoshel V92 X6KF, Ireland.

Bamboolink

274427 11 November 2025

Class 16. Packing cardboard containers; Disposable napkins; Packaging bags of paper; Cardboard pizza boxes.

Class 21. Kitchen containers; Paper plates; Paper cups.

Class 24. Bath towels; Bed sheets; Duvet covers; Pillowcases.

Class 35. Import and export services.

INTERLINK TRADE AND ADVISORS SERVICES CO LIMITED, 4 Silver Pines, Brewery Road, Stillorgan, Dublin A94K768, Ireland. Address for service is c/o INTERLINK TRADE AND ADVISORS SERVICES CO LIMITED, 4 Silver Pines, Brewery Road, Stillorgan, Dublin A94K768, Ireland.



274428 10 November 2025

Class 5. Food supplements; Vitamin supplements.

OPTUM PHARMA LTD, 24 O'Connell street, Waterford city, waterford X91 A891, Ireland. Address for service is c/o Optum Pharma Ltd c/o Mohamed Eltayeb Ali Suliman, 13 Cremore Avenue, Grange Manor, Waterford X91D2X7, Ireland.

CN DUMPLING

274429 11 November 2025

Class 29. Prepared seaweed; edible seaweed; dried edible seaweed (hoshi-wakame); processed edible seaweed; seaweed extracts for food; beef; chicken; pork; duck; tofu; vegetables; eggs; fish; fruit; kimchi; liver; shellfish (not live); oysters (not live); peanut butter; pickles;

prawns (not live); satay; milk; milk products; soya beans; tahini; cooked vegetables; dried vegetables; vegetable based snack foods; vegetable based spreads; meat; meat extracts; soups; chips; preserved, frozen, dried and cooked fruits and vegetables; salads (vegetable); jellies, jams, compotes; edible oils and fats; clams; fish mousses; fish roe; fish fillets; preserved fish; foods made from fish; fish meal for human consumption; stir-fried beef, chicken, pork, duck and tofu.

mixture of grains, nuts, oats and dried fruit (confectionery); porridge oats; ice cream; confectionery; biscuits; ice lollies; breakfast cereals.

Lotus Bakeries International und Schweiz AG, Neuhofstrasse 24, 6340 Baar, Switzerland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

Ying Zhao, 7 Blackberry Hill, Glenamuck Road, Carrickmines, Dublin D18D3P5, Ireland Yan Lu, Waterville, Glenamuck Road South, Carrickmines, Dublin 18 D18C2X2, Ireland. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

TRADEFEST

274431 07 November 2025

Class 35. Retail and wholesale services connected with the sale of goods, namely, paints, varnishes, lacquers, preservatives against rust and against deterioration of wood, colorants, mordants, raw natural resins, metals in foil and powder form for painters, decorators, printers and artists, paint preparations, paint powders, paint thickeners, paint thinners, paint primers, paint sealers, paint drying substances, woodcare substances, ceramic paints, wood preservatives, varnishes (non-insulating), wood stains, oils for the preservation of wood, ironmongery, door and window furnishings made wholly or substantially of metal, door knockers, metal door handles and door knobs, cabinet door handles and knobs made of metal, metal door bells, metal door stops,



274430 05 November 2025

Class 29. Preserved, dried, cooked and frozen fruits and/or vegetables; fruit and/or vegetable based snack foods; fruit salad; jellies for food, other than confectionery; jams; compotes.

Class 30. Cereal based snack foods; snack foods containing a

metal door frames and panels, metal tiles, metal hooks, nuts, bolts, screws, barrels, nails, locks, keys, security keys, metal hinges, metal furniture catches, metal windows catches, metal doors and door catches, metal hardware, metal brackets, key hole plates of common metal, signboards of metal, locksets of metal, drawer runners of metal, padlocks, safes, metal ladders, door closers of metal, metal stairs, metal stair components, metal hand rails, metal letter boxes, pipe fittings for plumbing, all made wholly or principally of common metal, ironwork for windows and doors, elbows, returns, straight tees, reducing outlet tees, stub ends, straight crosses, reducing outlet crosses, concentric and eccentric reducers, caps, laterals, and flanges, all made of metal and all being fittings for welding to pipes and conduits, metal doors and parts and fittings thereof, fire doors of metal and fittings thereof; retail and wholesale services connected with the sale of goods, namely, laundry washing machines, spin driers, tumble driers, combined washing machines and tumble driers, dishwashers, ironing machines, domestic machines for use in the processing or preparation of foodstuffs, electric kitchen machines, apparatus and tools, apparatus and instruments for domestic use for cutting, slicing, grating, rasping, shredding and for chopping, electric food mixers, blenders, liquidizers, crushers, food processors, food slicers and shredders, electric whisks, electric salad

drainers, coffee grinding machines, electric can openers, electric knives, knife sharpeners, beverage making machines, garbage disposals, all of the foregoing being domestic appliances, installations and equipment for household use and non-industrial commercial premises; retail and wholesale services connected with the sale of goods, namely, power operated tools for household use and non-industrial premises, door closers (non-electric), door closers (pneumatic), levellers, electric window openers and closers, hand tools and hand instruments (other than cutlery) for household use and non-industrial premises, chisels, hand operated tools for sale as part of a kit for household use and non-industrial premises, hand drills, screwdrivers, axes, saws and saw blades, hoes, diggers, garden tools, shearers, pliers, clamps, scissors, rakes, picks, hammers, hand drills, punches, riveters, trowels, files, planers, grinders, screwdrivers, axes, shovels, saws and saw blades, knives (other than cutlery), abrading instruments, caulk gun, tool belts, food preparation implements, kitchen knives and cutlery, food slicers, choppers and shredders; retail and wholesale services connected with the sale of goods, namely, apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, data processing equipment and computers, fire-extinguishing apparatus, time recording apparatus, electronic monitoring and control apparatus, lighting

monitoring and control apparatus, boiler monitoring and control apparatus, security monitoring and control apparatus, network monitoring and controlling apparatus, temperature monitoring and controlling apparatus, measuring apparatus, kitchen scales, remote control apparatus, electronic alarms, electronic protection equipment, water detecting, control and alarm apparatus and equipment, fire detecting, control and alarm apparatus and equipment, alarm apparatus, alarm monitoring and control apparatus, sprinkler supervisory and waterflow equipment, intruder and burglar alarm equipment, intrusion detection apparatus, motion detecting equipment, electrical communication equipment, message programming equipment, electronic locking instruments, closed-circuit television (CCTV), monitors, cameras, system control software, digital video installation, video surveillance apparatus, sensors and detectors, control apparatus, carbon monoxide detectors, apparatus for television, televisions, computer software and sensors connecting machines and appliances, computer software and sensors for collecting and exchanging information and data, computer software and sensors for monitoring appliances and interfacing with the cloud, computer software for mobile devices, smart phones, smart kitchens, smart homes, tablet computers, personal computers and televisions, computer software for

transmitting, sharing, receiving, streaming, downloading, playing, organizing, displaying, collecting and transferring information, data, audio, video, images, social content and other multimedia content between devices via the internet, over a wireless network and other communications networks, computer software for the remote control of machines and appliances, computer software for content, gesture, character, speech, image, facial and voice recognition, presence detection computer software, application software for cloud computing services, computer hardware, computer network hubs, switches and routers, computer network hubs for monitoring appliances and interfacing with the cloud, smart cards and smart cartridges, data cartridges, plug-in cartridges (electronic), touch screens, touch screen pens, electrical sensors, kitchen sensors, sensor switches, motion sensors, fire sensors, light sensors, heat sensors, temperature sensors, measuring sensors, timing sensors, distance sensors, humidity sensors, gas sensors, motion sensors, wearable telecommunication devices for the wireless receipt, storage and/or transmission of data and messages, head-mounted video display apparatus, measuring tape, voltage detectors, multimeters, all of the foregoing for household use and non-industrial premises; retail and wholesale services connected with the sale of goods, namely, batteries, electric cables, plugs and plug

sockets, fuses, respirators for filtering air, protective helmets, safety gloves for protection against accident or injury, safety headgear, safety eyewear, safety goggles, dust masks, knee pads for workers, safety clothing, high-visibility safety clothing, ear protectors, ear defenders; retail and wholesale services connected with the sale of goods, namely, apparatus, installations and equipment for heating, cooking, grilling, drying, ventilating, filtering, airing, water supply and sanitary purposes, sanitary ware, baths, showers, sauna and steam bath installations, water closets, wash basins, bidets, showers, shower enclosures, shower trays, shower heads, shower handsets, shower hoses, taps, toilets, toilet seats, cisterns, tanks, heaters, radiators, radiator valves, fans, boilers, stoves, ovens, cookers, cooker hoods, hobs, microwave ovens, barbecues, toasters, kettles, installations and apparatus, all for refrigerating, freezing and air conditioning, fridges, freezers, electric wine coolers, warming drawers, water and air purifying apparatus, water softeners, disinfecting apparatus, lights, electric lamps, lamps shades, light bulbs, LED lights, floodlights, ice cream makers, coffee roasters, coffee machines, electric food steamers, sink units, all of the foregoing being domestic appliances, installations and equipment for household use and non-industrial commercial premises; retail and wholesale services connected with the sale of goods, namely, pencils and marker

pens, paint brushes, paint rollers, paint roller trays, adhesive sealants, adhesive caulking compounds, adhesive tapes, strips, band and films, sealing putty, draught excluder strips, pipe insulation for household use and non-industrial premises, Building timber, wood panelling, building materials of wood, parquet flooring, parquet floor boards, laminate flooring, laminated boards (non-metallic) for building use, glue-laminated wood, wooden flooring, planks (wood for building), building panels (non-metallic), veneer wood, doors, door frames, fire doors (non-metallic), window glass, windows and window frames (non-metallic), wood veneers, manufactured timber, wood semiworked, mouldable wood, door casings (non-metallic), water pipes and valves (non-metallic), laths (non-metallic), kitchen tiles (non-metallic), hand rails (non-metallic), drainage pipes (non-metallic), ducting installations for household use and non-industrial premises, furniture, kitchen, bedroom, bathroom furniture, fitted furniture, fitted kitchen, fitted bedroom, fitted bathroom furniture, cupboards, kitchen, bedroom, bathroom cupboards, cabinets, kitchen, bedroom, bathroom cabinets, cabinet doors and legs, kitchen cabinet doors and legs, bedroom cabinet doors and legs, bathroom cabinet doors and legs, fronts of cabinets, kitchen cabinet fronts, bedroom cabinet fronts, bathroom cabinet fronts, drawers for furniture, kitchen display units, bedroom display units,

bathroom display units, sink units (furniture), tables (furniture), kitchen tables, dining tables, drawing tables, dressing tables, table legs, table tops, kitchen tops, furniture worktops, chairs, chairs being kitchen furniture, chair legs, handles (non-metallic), cabinet door handles (non-metallic), hinges (non-metallic), furniture catches (nonmetallic), window catches (non-metallic), door knockers, catches and fittings (non-metallic), staircases (non-metallic), parts and fittings for staircases (non-metallic), pillows, bolsters, mattresses, beds, sofa beds, mirrors, picture frames, goods (not included in other classes) of wood, cork, reed, cane, wicker, horn, bone, ivory, whalebone, shell, amber, mother-of-pearl, meerschaum and substitutes for all these materials, or of plastics, door closers (non-metallic), brackets (non-metallic), key hole plates (nonmetallic), drawer runners (non-metallic), dowels (non-metallic), saw horses, ladders (non-metallic), pipe fittings made of plastic, dust sheets, clothing, headgear and footwear, hats, shoe covers, other than for medical purposes, parts and fittings for the aforesaid goods.

Priority Date Claimed: 18 June 2025 United Kingdom

Howden Joinery Limited, 105 Wigmore Street, London W1U 1QY, United Kingdom. Address for service is c/o John Milligan, Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.



274432 15 May 2025

- Class 29. Potato-based snack foods; Potato chips; Soy-based snack foods; Vegetable-based snack foods; Vegetable chips; Vegetable-based spreads; Vegetable-based dips; Nut-based snack foods; Nuts; Fruit-based snack foods; Fruit-based snack bars; Plantain chips; Seeds,; Meat-based snack foods; Legume-based snack foods; Legume-based spreads; Legume-based dips; hummus; Dairy-based dips; Cheese-based snack foods; Snack mixes consisting of fruits and nuts; Snack foods consisting primarily of prepared fruits, vegetables, seeds, nuts, or any combination thereof.
- Class 30. Grain-based snack foods; multigrain-based snack foods; Snack foods made from corn; Puffed corn snacks; Popcorn; Corn chips; Tortilla chips; Snack foods made from cereals; Preparations made from cereals; Cereal-based snack bars; Breakfast cereals; Granola; Rice-based snack foods; Flour-based snack

foods; Flour based chips; Pretzels; Pita chips; Pancakes; Oats; Oat based beverages; Prepared rice; Rice chips; Rice cakes; Rice crackers; Snack foods consisting principally of bread; Bagel chips; Sauces; Salsas; Pasta products; Snack foods-consisting primarily of products made from grains, corn, cereal, or any combination thereof; Confectionery made of sugar; Syrup; pancake syrup; maple syrup; topping syrup; Flavorings for beverages, other than essential oils; frozen confections.

Frito-Lay Trading Company GmbH, Spitalgasse 2, CH-3011 Bern, Switzerland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

The Application for Registration is proceeding with the consent of the Proprietors of European Union Trade Mark No W01564537.



- Class 9. batteries, electric; galvanic cells; accumulators, electric; battery boxes; photovoltaic cells; solar batteries; battery chargers; grids for batteries; solar panels for the production of electricity; batteries, electric, for vehicles; condensers [capacitors]; charging stations for electric vehicles; galvanic batteries; high tension batteries; electrical adapters; distribution consoles [electricity]; accumulator boxes; distribution boards [electricity]; distribution boxes [electricity].
- Class 37. vehicle battery charging; charging of electric vehicles; rental of portable power chargers; rental of battery chargers; cell phone battery charging services; repair of power lines; heating equipment installation and repair; machinery installation, maintenance and repair; motor vehicle maintenance and repair; electric appliance installation and repair.
- Class 40. rental of batteries; rental of electricity generators; production of energy; upcycling [waste recycling]; recycling of waste and trash; welding services; metal treating; providing information relating to material treatment; custom manufacturing of chips [integrated circuits] for others; custom assembling of materials for others.
- Class 42. computer system design; maintenance of computer software; installation of computer software; computer software design; development of computer platforms; electronic data storage; research and development of new products

for others; consultancy in the field of energy-saving; technological research; material testing.

EVE ENERGY CO., LTD., No. 38, Huifeng 7th Road, Zhongkai High-tech Zone, 516006 Huizhou City, Guangdong Province, China. Address for service is c/o METIDA, Business center VERTAS Gyneju str. 16, 01109 Vilnius, Lithuania.



274434 05 November 2025

Class 35. Advertising; business management; office functions; business administration; business development and strategic planning services; marketing services; promotion services; online ordering services; retail services relating to gyms, exercise classes and pilates studios; retail and wholesale services relating to gym and sporting equipment, materials and machines, particularly for practising aerobics, yoga and pilates; parts and fittings for the aforesaid goods; retail services relating to the sale of clothing and footwear for sporting activities, particularly clothing for aerobics, yoga and pilates; retail services connected with sound recordings, audio recordings, video recordings, compact discs, DVDs,

electronic publications, publications, books, magazines, leaflets, instructional and teaching materials, particularly relating to aerobics, yoga, pilates and body conditioning; provision of business assistance in the establishment and operation of franchises; business consultancy and advisory services relating to franchising; advisory, consultancy and information services relating to the aforesaid services; provision of all the aforesaid services on-line via database or the Internet, all included in Class 35.

Class 41. Education and training services; education and training in the fields of physical exercise, particularly those relating to aerobics, yoga and pilates; provision of physical fitness and training services, particularly relating to aerobics, yoga, pilates, body conditioning, remedial exercise technique and physical rehabilitation, core stability, posture and flexibility; provision of exercise classes and pilates studio services; personal trainer services; pilates instructor training; provision of instructional, educational and training services including relating to pilates, pilates studio business management and professional pilates career development; planning, organising and conducting exercise and fitness assessments and programmes; organising, arranging and conducting of educational and training courses, seminars, conferences, symposiums and workshops relating to the

aforesaid; provision of training courses relating to professional career development; publishing of educational, instructional and training guides relating to aerobics, yoga, pilates and body conditioning; publication and provision of information relating to pilates, pilates studio business management and professional pilates career development; business mentoring; leadership mentoring and counselling; provision of leadership programmes; coaching and counselling services for business leadership programmes; leasing and rental of sporting, physical fitness and personal training equipment; leasing and rental of equipment for aerobics, yoga and pilates; online publication of manuals, handbooks and catalogues, particularly those relating to aerobics, yoga and pilates; publication of multi-media recordings, interactive compact discs, CDROMs and DVDs, particularly relating to aerobics, yoga, pilates and body conditioning; publication of online journals and social media posts (blogs) featuring information about all the aforesaid services; advisory, consultancy and information services in connection with all the aforesaid services, including such services provided on-line via database or the Internet, all included in Class 41.

Pilates Performance Ireland, 143 Balally Drive, Dundrum, Dublin D16 R271, Ireland. Address for service is c/o MICHAEL J. FLYNN, 48 Balally Drive, Dundrum, Dublin 16, Ireland.

International Working Teckel

274435 29 October 2025

Class 41. Book publishing.

Steven McGonigal, Oakleaf House, Carrowreagh Road, Donegal F93DN0F, Ireland. Address for service is c/o Steven McGonigal, Oakleaf House, Carrowreagh Road, Carndonagh F93DN0F, Ireland.

The mark in use is/will be in the colour(s) Black

gut wealth
GUT WEALTH

Application is for a Series of 2 Trade Marks.

274436 30 October 2025

Class 5. Nutritional supplements; Vitamin supplements; Probiotic supplements; Prebiotic supplements; Dietary supplement drinks; Vitamin supplement patches; Vitamin drinks; Vitamins and vitamin preparations; Gummy vitamins; Mixed vitamin preparations; Vitamin tablets; Food supplements in liquid form; Food supplements for non-medical purposes; Medicinal drinks.

Gemma Stuart, 53A Manor Place, Edinburgh EH3 7EG, United Kingdom. Address for service is c/o Gemma Stuart, 77 Camden Street, Lower Dublin, Dublin D02 XE80, Ireland.



274437 10 November 2025

Class 3. Cosmetics; Skincare cosmetics; Colour cosmetics; Eye cosmetics; Organic cosmetics; Mousses [cosmetics]; Moisturisers [cosmetics]; Skin masks [cosmetics]; Nail primer [cosmetics]; Smoothing emulsions [cosmetics]; Hair cosmetics; Night creams [cosmetics]; Non-medicated cosmetics; Cosmetics for suntanning; Body creams [cosmetics]; Sun barriers [cosmetics]; Tanning oils [cosmetics]; Suntanning oil [cosmetics]; Tanning gels [cosmetics]; Skin care cosmetics; Body care cosmetics; Beauty care cosmetics; Facial creams [cosmetics]; Facial gels [cosmetics]; Cosmetics containing keratin; Skin recovery creams [cosmetics]; Cosmetics for eye-lashes; Cosmetics for personal use; Nail polish removers [cosmetics]; Nail varnish remover [cosmetics]; Tissues impregnated with cosmetics; Sun protecting creams [cosmetics]; After-sun oils [cosmetics]; Body and facial gels [cosmetics]; Body and facial creams [cosmetics]; Make-up palettes containing

cosmetics; Facial wipes impregnated with cosmetics; Colour cosmetics for the eyes; Colour cosmetics for the skin; Cosmetics in the form of creams; Anti-aging moisturizers used as cosmetics; Cosmetics all for sale in kit form; Cosmetics in the form of gels; Cosmetics in the form of oils; Cosmetics in the form of milks; Cosmetics in the form of rouge; Pores tightening mask packs used as cosmetics; Make-up removers; Make-up base; Make-up for the face; Make-up pencils; Make-up; Eye make-up; Make-up foundations; Eye make-up removers.

MTUM922 GLOBAL PRODUCTS LIMITED, 138 Belfry Hall Block D, CITYWEST, Dublin 24 D24PN84, Ireland. Address for service is c/o MTUM922 GLOBAL PRODUCTS LIMITED, c/o Mohammad Tahir Mahmood, 138 Belfry Hall Block D, CITYWEST, Dublin 24 D24PN84, Ireland.



274438 09 October 2025

- Class 25. Clothing; Sports clothing; Shorts; Sports wear; Caps; T-shirts.
- Class 28. Martial arts training equipment; Boxing gloves; Shin guards for sports; Sports equipment.

Lee Kavanagh, Apt 18 Plunkett Hall, The Hole In The Wall Road, Dublin D13 X0EA, Ireland. Address for service is c/o Lee Kavanagh, Apt 18 Plunkett Hall, The Hole In The Wall Road, Donaghmede, Dublin D13 X0EA, Ireland.



Application is for a Series of 2 Trade Marks.

274439 09 November 2025

- Class 35. Advertising; business management; business administration; office functions; Advertising services; Marketing services; Promotion services; Publicity services; Business advice relating to franchising; Business advice, assistance or information services; Business consultancy in relation to the sale of franchises; Business

management; Consulting relating to franchising; Management advice, assistance or information services; Online advertising on computer networks; Sales promotion services; Services rendered by a franchisor, namely, assistance in the running or management of industrial or commercial enterprises; Providing assistance in the field of business management within the framework of a franchise contract; Providing assistance in the field of product commercialization within the framework of a franchise contract; Business advisory services relating to the establishment and operation of franchises; Advisory services relating to publicity for franchisees; Mail order retail services, wholesale services, retail services, electronic retail services or Internet retail services connected with the sale of Barbells for weight lifting, Belts, Blouses, Body training apparatus [exercise], [exercise], Body-building apparatus [exercise], Body-training apparatus, Boots, Caps, Casual footwear, Clothing, Coats, Dietary supplements, Downloadable video recordings, Downloadable videos, Downloadable audio recordings, Dresses, Drinking bottles for sports, Dumbbells for weight lifting, Exercise weights, Fitness exercise machines, Footwear, Gym bags, Sport bags, Gymnasium exercise mats, Gymnasium mats, Gymnastic apparatus, Gymnastic articles, Gymnastic articles, Hats, Headwear, Hooded sweatshirts, Indoor fitness apparatus, Indoor fitness apparatus, Jackets, Jeans,

Jumpers, Knitted headwear, Knitwear, Leg weights for exercising, Leisure footwear, Loungewear, Machines for physical exercises, Neckwear, Nightwear, Nutritional supplements, Outer clothing, Personal exercise mats, Pre-recorded videodiscs, DVDs, Rainwear, Sandals, Scarves, Shirts, Shoes, Shorts, Skirts, Slippers, Sneakers, Socks, Sporting articles and equipment, Sports drinks, Sports eyewear, Sports footwear, Sports training apparatus, Sports watches, Sportswear, Suits, Sweatshirts, T-shirts, Textile exercise towels, Ties, Tights, Trainers, Trousers, Underwear, Vests, Waist belts, Weight lifting belts, Weight lifting benches, Weight lifting benches, Weight lifting gloves, Wrist straps for weightlifting, Wrist weights for exercise, Parts, accessories or fittings for the aforesaid; Information relating to the aforesaid; Advice relating to the aforesaid; Consultancy relating to the aforesaid.

Class 41. Education; providing of training; entertainment; sporting and cultural activities; Arranging competitions; Conducting competitions; Conducting fitness classes; Consultancy or advice relating to physical fitness training; Electronic publishing services; Electronic publishing; Fitness club services; Gym activity classes; Gymnasium services relating to body building; Gymnasium services relating to weight training; Gymnasium services; Information relating to physical fitness; Advice relating to physical fitness; Consultancy relating to

physical fitness; Organisation of sporting competitions; Organising competitions; Personal training services; Providing fitness facilities; Publishing services; Teaching services; Training services; Video production; Providing online videos, not downloadable; Provision of non-downloadable videos; Providing on-line non-downloadable video content; Information relating to the aforesaid; Advice relating to the aforesaid; Consultancy relating to the aforesaid.

Adam Wright, Middle Fen Farm, Earthrith Road, Willingham, Cambridge CB24 5LT, United Kingdom. Address for service is c/o Adam Mash, 18 Meadowlands, Courtmacsherry P72 FK53, Ireland.

The mark in use is/will be in the colour(s) Green, white, gold.



274440 12 November 2025

Class 39. Sightseeing [tourism].

Catherine O'Grady, Glen Keen, Louisburgh, Mayo F28 VW73, Ireland. Address for service is c/o Catherine O'Grady, Glen Keen, Louisburgh, Mayo F28 VW73, Ireland.



Cheeky Taste
Club

274441 14 November 2025

Class 43. Serving food and drinks.

James Walsh, 44 Tegan Court, Tullamore R35VW74, Ireland. Address for service is c/o James Walsh, 44 Tegan Court, Tullamore R35VW74, Ireland.

Opposition(s) under Section 43 of the 1996 Act

269918 Niamh McCormack. Application withdrawn 26 March 2026

Application(s) Withdrawn after Advertisement under the 1996 Act

273924 APC Ltd.

Application(s) deemed to be Withdrawn under Section 45(2) of the 1996 Act

272825 Muath Addeeb
272835 Anita Gupta O'Brien
272843 Chris Dennehy
272846 Henrique Paschetto
272860 Catherine Duggan
272861 Pewpols Limited

Trade Marks Registered under the 1996 Act

271919 (2535) Cl. 1 16 25. BAILE CHOITIN
1851 TEORANTA T/A Ballycotton
1851
273181 (2553) Cl. 7. Thomas Griffith
273186 (2553) Cl. 28. Sarah Lowe
273193 (2553) Cl. 3 18 25. Syed Talha Owais
Pasha
273200 (2553) Cl. 16 32. BLUE ROCK
AMBALAJ SANAYİ VE TİCARET
LİMİTED ŞİRKETİ
273243 (2553) Cl. 41. Opeyemi Stephen
273248 (2554) Cl. 18 25. Sarah Ward-Hendry
273252 (2554) Cl. 3 4. Nuala Reilly
273256 (2554) Cl. 20. Photo Import Limited
273265 (2554) Cl. 44. David William Gow
273267 (2554) Cl. 44. David William Gow
273291 (2554) Cl. 11. Dermot Murphy
273298 (2554) Cl. 41. Eddie Mullarkey
273305 (2554) Cl. 43. Garrison MCG Company
Limited
273306 (2554) Cl. 43. Garrison MCG Company
Limited
273308 (2554) Cl. 36. Umann Protect & Cover
273311 (2554) Cl. 43. KSG Catering Limited
273343 (2555) Cl. 9 37 45. Assa Abloy Limited
273372 (2555) Cl. 9 42 44. NEXOMIC
LIMITED
273403 (2556) Cl. 41. Tom Connell
273405 (2556) Cl. 44. Chloe Costello
273440 (2556) Cl. 42. Nathalie Dussan
273473 (2556) Cl. 11 35. Dylan Church

273488	(2556) Cl. 13 35 37 39 40 42. Kemek Holdings Limited	273567	(2557) Cl. 43. Goesta Fischer
273489	(2556) Cl. 13 35 37 39 40 42. Kemek Holdings Limited	273569	(2557) Cl. 35 41 44. Deimante Malisauskaite
273494	(2556) Cl. 30. Pauline Clarke	273571	(2557) Cl. 35. Evergreen Healthfoods Galway Ltd. T/A Evergreen Healthfoods
273496	(2556) Cl. 41. Alan John McLoughlin	273572	(2557) Cl. 9 42. Juan Ignacio Pita Hoffman
273507	(2557) Cl. 9. Snow Cloud Technology	273574	(2557) Cl. 12 41. Stephen Doyle
273508	(2557) Cl. 16 19 20 21 27 35. Ann Madden	273577	(2557) Cl. 6 9 14 16 18 21 24 25 28 35 38 41 42. Iontaobhas Corparáideach Chumann Lúthchleas Gael Cuideachta Faoi Theorainn Ráthaíochta
273509	(2557) Cl. 30. Musgrave Limited	273581	(2557) Cl. 30 43. 2 Chubby Gingers
273512	(2557) Cl. 35. BROKERTEC EUROPE LIMITED	273584	(2557) Cl. 42. Petra Curtis
273515	(2557) Cl. 30 35 43. Beanhive Limited	273585	(2557) Cl. 3 4 6 7 8 9 11 12 14 16 18 20 21 24 25 27 28 35 36. Shop Direct Home Shopping Limited
273517	(2557) Cl. 44. Monica Navidad	273586	(2557) Cl. 35 41. Yeats Society Sligo (Incorporated)
273519	(2557) Cl. 3 4 5 11 21. Aldi Stores (Ireland) Limited	273587	(2557) Cl. 9 35. TEKenable Ltd
273520	(2557) Cl. 9 35 37 41 42 45. The E.I. Unlimited Company, trading as Ei Electronics	273588	(2557) Cl. 41 44. Porter & Percival Limited
273521	(2557) Cl. 1 17 19. SIKA TECHNOLOGY AG	273589	(2557) Cl. 9. Snow Cloud Technology
273522	(2557) Cl. 1 17 19. SIKA TECHNOLOGY AG	273591	(2557) Cl. 28. Yasir Ahmad Javed
273523	(2557) Cl. 1 17 19. SIKA TECHNOLOGY AG	Renewal of Registrations Under Section 48 of the 1996 Act	
273524	(2557) Cl. 13 35 37 39 40 42. Kemek Holdings Limited	32289	Cl. 9. PARLOPHONE RECORDS LIMITED
273525	(2557) Cl. 5 16 29 30 41 44. Jens Walter	32331	Cl. 14. ROLEX S.A.
273526	(2557) Cl. 9 25 28. O'BRIEN'S ULTIMATE SPORTS LTD.	49843	Cl. 1. Coöperatie Koninklijke Avebe U.A.
273527	(2557) Cl. 5. Corteva Agriscience LLC	50223	Cl. 3. Unilever Global IP Limited
273528	(2557) Cl. 38. Avenir MGT Ltd	59006	Cl. 1. MERCK KGaA
273530	(2557) Cl. 41. The Oriel Gallery	59007	Cl. 3. MERCK KGaA
273532	(2557) Cl. 16 41. Blas na hÉireann - The Irish Food Awards	59009	Cl. 1. MERCK KGaA
273533	(2557) Cl. 35 38. MIDLAND COMMUNITY RADIO SERVICES LIMITED T/A MIDLANDS 103	59011	Cl. 5. MERCK KGaA
273534	(2557) Cl. 9 16 41. Siobhán Hanley	78680	Cl. 7. Federal-Mogul Limited
273535	(2557) Cl. 9 41 45. Siobhán Hanley	79281	Cl. 6. ITW Limited
273536	(2557) Cl. 44. Alan McCormack	79282	Cl. 19. ITW Limited
273537	(2557) Cl. 3 4 18 20 21 24 25 35. Michele Donohoe	79378	Cl. 10. ZIMMER, INC.
273538	(2557) Cl. 38 41. Premier Rugby Limited	114896	Cl. 12. Opel Automobile GmbH
273541	(2557) Cl. 30. INTERCONTINENTAL GREAT BRANDS LLC	114915	Cl. 5. SANOFI
273547	(2557) Cl. 4. Peter Barry	115010	Cl. 12. Opel Automobile GmbH
273549	(2557) Cl. 9. JOHNSON & JOHNSON SURGICAL VISION, INC.	115370	Cl. 5. BSN MEDICAL LIMITED
273552	(2557) Cl. 5. Alturix Limited	115426	Cl. 12. General Motors LLC
273553	(2557) Cl. 35 38. S.E.R.B. RADIO LIMITED T/A SOUTH EAST RADIO	115738	Cl. 3. LRC PRODUCTS LIMITED
273555	(2557) Cl. 29. Musgrave Limited	116542	Cl. 28. GUANGZHOU DOUBLE FISH SPORTS GOODS GROUP CO., LTD
273556	(2557) Cl. 35. Vanguard Trademark Holdings USA LLC	116806	Cl. 5. B. BRAUN MELSUNGEN AG
273557	(2557) Cl. 30. Knorr-Nahrungsmittel Aktiengesellschaft	117484	Cl. 9. INTERGRAPH CORPORATION
		117708	Cl. 21. Sunstar Suisse S.A.
		120396	Cl. 6, Cl. 8. BÖLLHOFF PRODUKTION GmbH

134945	Cl. 29. Bakery Supplies Europe Holding B.V.	234246	Cl. 9, Cl. 16, Cl. 25, Cl. 28. THE FOOTBALL ASSOCIATION OF IRELAND
200029	Cl. 42. Ramada International, Inc.	234252	Cl. 3. RECKITT BENCKISER FINISH B.V.
200090	Cl. 37. APPLIED MATERIALS, INC.	234271	Cl. 19, Cl. 37. CYGNUM
200105	Cl. 37. APPLIED MATERIALS, INC.	234316	Cl. 5. LifeScan IP Holdings LLC
200106	Cl. 37. APPLIED MATERIALS, INC.	234332	Cl. 32. Diageo Ireland Unlimited Company
200343	Cl. 37. APPLIED MATERIALS, INC.	234359	Cl. 30. PLADIS (UK) LIMITED
200428	Cl. 36. REMARK INTERNATIONAL B. V.	234391	Cl. 35. O'KEEFFES OF KILKENNY LIMITED
200794	Cl. 37. APPLIED MATERIALS, INC.	234555	Cl. 9, Cl. 16, Cl. 41. KAPLAN, INC.
201091	Cl. 41. The Rock and Roll Hall of Fame Foundation, Inc.	234566	Cl. 29, Cl. 30. Kentucky Fried Chicken (Great Britain) Limited
201098	Cl. 37. APPLIED MATERIALS, INC.	234568	Cl. 16, Cl. 18, Cl. 21, Cl. 25, Cl. 28, Cl. 36, Cl. 41. IRISH HEART FOUNDATION
201189	Cl. 41. THE COMMON PURPOSE CHARITABLE TRUST	234791	Cl. 5, Cl. 29, Cl. 30, Cl. 32. NATURE'S PATH FOODS INC.
201688	Cl. 37, Cl. 39, Cl. 42. ARIANESPACE	234836	Cl. 18, Cl. 25, Cl. 35. ALDO GROUP INTERNATIONAL AG
202024	Cl. 42. WHITBREAD PLC	234911	Cl. 30. PLADIS (UK) LIMITED
202063	Cl. 42. ADVANCED MICRO DEVICES, INC.	234924	Cl. 9, Cl. 16, Cl. 41. KAPLAN, INC.
202310	Cl. 37, Cl. 42. VINCI ENERGIES	234943	Cl. 29, Cl. 30. MOLKEREI ALOIS MÜLLER GMBH & CO. KG
202397	Cl. 16. The Meath Chronicle Ltd.	234994	Cl. 35. LAVIN BROS. (KIOSKS) LTD
202506	Cl. 41. Fox Media LLC	235006	Cl. 3, Cl. 4, Cl. 16, Cl. 18, Cl. 24, Cl. 25, Cl. 27, Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 33, Cl. 34, Cl. 35, Cl. 39, Cl. 41, Cl. 43, Cl. 44. SAMMY LESLIE
202991	Cl. 10. Iberhospitex, S.A.	235087	Cl. 9, Cl. 11, Cl. 14, Cl. 21. TERRAILLON
203053	Cl. 36. Visa International Service Association	235355	Cl. 45. FINTAN CORRIGAN
203209	Cl. 14. ROLEX S.A.	235478	Cl. 1, Cl. 9. MATHESON TRI-GAS, INC
203812	Cl. 37, Cl. 39, Cl. 41. DECATHLON S.A.	236103	Cl. 25. EDUN APPAREL LIMITED
205517	Cl. 32. SCHWEPPESS INTERNATIONAL LIMITED	237999	Cl. 6, Cl. 7, Cl. 8, Cl. 12. MERIDIAN INTERNATIONAL CO., LTD
208004	Cl. 42. ARROW ELECTRONICS, INC.	254399	Cl. 12. Kia Corporation
213322	Cl. 30. SOCIETE DES PRODUITS NESTLE S.A.	254435	Cl. 35. Stuart McNamara
213415	Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 34. John Henderson (Holdings) Limited	254619	Cl. 5. Bayer Intellectual Property GmbH
215105	Cl. 30. SOCIETE DES PRODUITS NESTLE S.A.	254781	Cl. 9, Cl. 16, Cl. 41, Cl. 42. Saint John of God Hospital Limited
218903	Cl. 32. S&NF Limited	254841	Cl. 3. Chanel Limited
220053	Cl. 42. MTY TIKI Ming Enterprises Inc	254845	Cl. 3, Cl. 9, Cl. 14, Cl. 18, Cl. 25, Cl. 26, Cl. 35. Vila Nova Carneiro, S.A.
225749	Cl. 9, Cl. 16, Cl. 35, Cl. 38. FCR Tech UAB	254860	Cl. 6, Cl. 37. Irish Roll Forming Limited
225750	Cl. 9, Cl. 16, Cl. 35, Cl. 38. FCR Tech UAB	254937	Cl. 25. Perry Ellis International Europe Limited
230565	Cl. 16, Cl. 41. ELS EDUCATIONAL SERVICES INC	254988	Cl. 5, Cl. 30. Total Produce Plc
232999	Cl. 16, Cl. 29, Cl. 30, Cl. 43. ARTIZAN CATERING LIMITED	254990	Cl. 34. SOCIETE BIC
233944	Cl. 30. LIDL STIFTUNG & Co. KG	254996	Cl. 14, Cl. 35, Cl. 42. Azara Jewellery Limited
233946	Cl. 32. LIDL STIFTUNG & Co. KG	255057	Cl. 25. Mark McGuinness
233969	Cl. 12. Kia Corporation		
233970	Cl. 6. BROOKLYN HARDWARE, LLC		
234005	Cl. 10. CONVATEC INC.		
234092	Cl. 29. LIDL STIFTUNG & Co. KG		
234125	Cl. 3. CHANEL LIMITED		

255122	Cl. 32, Cl. 33. Schweppes International Limited
255126	Cl. 3. ENVIRON SKIN CARE (PROPRIETARY) LIMITED
255169	Cl. 5. ROWA PHARMACEUTICALS LIMITED
255200	Cl. 1, Cl. 5. Agrigem Limited
255204	Cl. 29, Cl. 30. PepsiCo, Inc.
255227	Cl. 9, Cl. 16, Cl. 41, Cl. 44. Outside The Box Learning Resources Ltd.
255230	Cl. 9. MJ Scannell Safety
255253	Cl. 9. MJ Scannell Safety
255273	Cl. 33. Clonakilty Distillery Limited
255294	Cl. 30. Fitzgeralds Family Bakery Limited
255299	Cl. 35, Cl. 41. CLARENDON (NI) LIMITED
255318	Cl. 19, Cl. 27, Cl. 35. Associated Independent Stores Limited
255334	Cl. 29, Cl. 30. Aldi Stores (Ireland) Limited
255347	Cl. 33. Clonakilty Distillery Limited
255521	Cl. 29, Cl. 30, Cl. 39, Cl. 43. apetito Limited
255522	Cl. 41. Bee Flanagan
255525	Cl. 9, Cl. 35, Cl. 39, Cl. 41. Capernaum Ltd
255738	Cl. 5. Solvotrin Therapeutics Ltd
255741	Cl. 5. Solvotrin Therapeutics Ltd
255914	Cl. 30. TED INVESTMENTS
255924	Cl. 6. Aalberts Integrated Piping Systems Limited
255973	Cl. 5. Gilead Sciences Ireland UC
256008	Cl. 6. Aalberts Integrated Piping Systems Limited
256010	Cl. 25. Bodibro Limited
256246	Cl. 6. Aalberts Integrated Piping Systems Limited
256258	Cl. 4, Cl. 9, Cl. 11, Cl. 35, Cl. 37, Cl. 39, Cl. 40, Cl. 42. Electricity Supply Board
256278	Cl. 35. Associated Independent Stores Limited
256416	Cl. 29, Cl. 30. DUSKANY UNLIMITED
256417	Cl. 29. Aldi Stores (Ireland) Limited
256701	Cl. 3, Cl. 4, Cl. 7, Cl. 9, Cl. 11, Cl. 12, Cl. 16, Cl. 17, Cl. 18, Cl. 25, Cl. 28, Cl. 35, Cl. 36, Cl. 37, Cl. 38, Cl. 39, Cl. 40, Cl. 41, Cl. 42, Cl. 43, Cl. 44, Cl. 45. SKY UK LIMITED
256812	Cl. 9, Cl. 28, Cl. 38, Cl. 41. CORAL GROUP TRADING LIMITED
257262	Cl. 41. Raw Condition Limited

Merger of Separate Trade Mark Registrations - Rule 29 of the 1996 Rules

203927, 203929, 203928, 207142, 203930.
Merged into one single registration bearing the registration number 203927 and covering classes numbers 35, 36, 37, 38, 39.

DKV EURO SERVICE GMBH & CO. KG

201983, 201986, 201984, 201985, 207139.
Merged into one single registration bearing the registration number 201983 and covering classes numbers 35, 36, 37, 38, 39.

DKV EURO SERVICE GMBH & CO. KG

International Registrations under the Madrid Protocol seeking protection in the State.

Any person desiring to oppose the conferring of protection in the State to the undermentioned marks may, within three months from the date of this Journal give notice to the Controller, in accordance with the provisions of Rule 18.

It should be noted that under the provisions of Rule 63(2) no extension of the opposition period is allowed for lodging opposition under Rule 18.

It is desirable before lodging formal opposition that a communication should be addressed to the holder affording him an opportunity to withdraw his application for protection of the International Registration in the State. In this way cost of opposition proceedings may be avoided.

VERVE

1814891 27/08/2024

Class 5. Powdered nutritional supplement drink mixes; powdered dietary supplement drink mixes; dietary supplement drink mixes; nutritional drink mixes for use as a meal replacement; vitamin supplements; vitamin preparations; vitamin tablets; mineral supplements; mineral preparations; health food supplements made principally of vitamins; health food supplements made principally of minerals; preparations for supplementing the body with essential vitamins and microelements; mineral nutritional supplements; multi-vitamin preparations, supplements and tablets; probiotic supplements; antioxidants; enzyme dietary supplements.

OSC Group Limited, Hesketh House, 49 Water Lane, Wilmslow, Cheshire SK9 5BQ, United Kingdom

Representative: Barker Brettell LLP, 100 Hagley Road, Edgbaston, Birmingham B16 8QQ, United Kingdom

Address for service: TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland



1833874 08/07/2024

Class 9. Electronic payment software; payment execution software; electronic payment processing equipment; downloadable applications; mobile applications; downloadable applications for use with mobile phones; downloadable applications for smartphones; software and applications for mobile devices; electronic databases stored on computer media; computer software; smartphone software; software for banking; software for processing business transactions;

computer software for business purposes; computer software for handling financial transactions; computer software for e-commerce; computer software for electronic commerce; interactive multimedia computer programs; computer programs; computer programs for use in telecommunications; computer programs for data processing; computer software [programs] for database management; computer databases; software; smartphone application (software) for simple payment for vehicle refuelling, parking, transit, car wash use; computer software for simple payment for vehicle refuelling, parking, transit, car wash use; electronic toll collection systems [ETC]; electronic payment terminal systems [EPOS]; electronic toll terminals on the motorway; toll collection machines; computer hardware for processing electronic payments to and by third parties; electronic and magnetic identification cards for use in connection with payment for services; computer software of biometric systems for identifying and confirming the identity of individuals; computer software for use as an application programming interface (API); computer software for use in implementing the Internet of Things [IoT].

Class 42. Design of computer systems; design of financial information systems; design of management information systems; development of online platforms for e-commerce; installation of

computer software; installation and maintenance of computer software; installation, repair and maintenance of computer software; installation, update and maintenance of computer software; design of computer software; computer software (design -); software as a service [SaaS]; programming of computers; provision of user authentication services using single sign-on technology for online applications; providing temporary use of non-downloadable online software for electronic payments.

AUTOPAY SPÓŁKA AKCYJNA, Powstańców
Warszawy 6, PL-81-718 Sopot, Poland

Notings: The request for protection is proceeding with the consent of the proprietors of Registered European Union Trade Mark No's 017547035 and 018854042.

Representative: Bartosz Szczepaniak,
Tatrzańska 19/4, PL-81-814
Sopot, Poland

Address for service: Murgitroyd & Company, 2nd
Floor, 57 Adelaide Road
Dublin 2, Dublin DO2 Y3C6,
Ireland

International Trade Marks protected in the State

1797340 (2523) Cl. 3, 7, 8, 9, 12, 14,
16, 18, 20, 21, 24
LOUIS VUITTON MALLETIER of France

Cancellations effected for the following goods/services under the Madrid protocol

- 1838821** CARING. CONNECTING.
GROWING TOGETHER.
Cancellation in respect of all goods and services registered at WIPO on 11/03/2026
- 1815220** EVERAI
Cancellation in respect of all goods and services registered at WIPO on 17/03/2026
- 1815219** EVERAI LABS
Cancellation in respect of all goods and services registered at WIPO on 17/03/2026
- 1815272** v-ai
Cancellation in respect of all goods and services registered at WIPO on 20/03/2026
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