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Cuid I
Paitinní agus Dearachtaí

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Applications for Patents

From 30/05/2025 to 12/06/2025

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.

CRINION-MORGAN, MAX JOHN Respiration Rate Monitor 06 June 2025	20250242
DANIEL CUNNIE Flushable Toilet-Top Diagnostic Sheet for Non-Invasive Urinary Tract Infection Detection 31 May 2025	S20250237
DARYA FEDO Modular Earring System with Magnetically Attached and Reversible Decorative Elements 03 June 2025	S20250239
Evac+Chair International Limited A RETAINING APPARATUS 30 May 2025 [United Kingdom-30 May 2024]	20250234
GEORGE EL SAYEGH Dynamic Knowledge Genesis Framework (DKGF): An Adaptive Element-Based AI System for Real-Time Solution Configuration, Autonomous Framework Generation, and Cross-Domain Generative Applications 31 May 2025	S20250236
INSTITUTE OF HIGHLAND FOREST SCIENCE, CHINESE ACADEMY OF FORESTRY; SOUTHWEST FORESTRY UNIVERSITY; BEIJING ACADEMY OF AGRICULTURE AND FORESTRY SCIENCES; YUNNAN AGRICULTURAL UNIVERSITY FERTILIZER APPLYING DEVICE FOR SOILLESS CULTURE OF ORNAMENTAL GRASS 12 June 2025	S20250252
INTEC LD HOLDINGS LIMITED AI-Based System and Method for Dynamic Electricity and Gas Pricing Using Real-Time Grid Data and Machine Learning 30 May 2025	20250235
JAMES BREWER Underground Utility Kerbside Marker Plate 05 June 2025	S20250241
JEAN-FRANCIS KUOCH VacuoCore: Passive Vacuum-Based Mist System for Water Purification, Climate Regulation, and Hygiene 12 June 2025	20250251
MARK KELLY PUCBALL: A Table-Based Reflex Game with Central Goal Scoring System and Hybrid Bat Design 10 June 2025	S20250246
MERCY KAMARA Anhydrous Lip Treatment Composition Containing Azelaic Acid 09 June 2025	S20250245
MICHAEL KEARNEY A retrofit enhancement to the standard U-shaped Bike Rack which will prevent bikes slipping from the original intended vertical orientation to a horizontal one and so ending up on the ground. 05 June 2025	S20250240

MOHAMED AHMED Digital Stethoscope Device for Capturing Processing and Transmitting Auscultatory Sounds 10 June 2025	S20250247
PEARSE GATELY A PipeHandler Attachment 10 June 2025	20250249
ROBERT MICHAEL KILLEEN System and Method for Grid-Aware Charging of Distributed Consumer Devices 10 June 2025	20250248
ROBERT THOMPSON System for Enhanced Detection of Golf Balls Using Optical Filtering, Fluorescent Pigmentation, and Optional UV Illumination 07 June 2025	20250243
SEAN CUSACK System and Method for Interactive Digital Vehicle Service Logging and Booking 03 June 2025	S20250238
SWANMOTION LIMITED A MOBILITY DEVICE 09 June 2025	20250244
WAVESCOPE LTD A Medical Assessment System 11 June 2025 [Ireland-11 June 2024]	20250250

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	S20230173	GUANGDONG POWER GRID CO., LTD., PREFABRICATED BUILDING CONNECTION DEVICE HAVING DAMPING FUNCTION AND USE METHOD THEREFOR. 20 March 2023. Int. Cl. (2025.01) E04B 1/00; E04B 2/00; E04H 9/00.
2023	S20230260	ZHENGZHOU UNIVERSITY OF AERONAUTICS, CONTROLLABLE THERMAL EXPANSION CERAMIC COMPOSITE MATERIAL ZrO ₂ -ZrMgMo ₃ O ₁₂ AND PREPARATION METHOD THEREOF. 06 July 2023. Int. Cl. (2025.01) C04B 35/00.
2023	S20230261	GUANGDONG UNIVERSITY OF PETROCHEMICAL TECHNOLOGY; GUO JIKUN; ZHAO YANYAN; MA YUANJIA; LIU LIMIN, Distributed optical fiber vibration sensing system for oil and gas pipeline detection. 10 July 2023. Int. Cl. (2025.01) G01H 9/00; G01D 5/00.
2024	S20240188	MAURICE O'GORMAN, A Handle Device. 11 April 2024.

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.

- S87625** PREFABRICATED BUILDING CONNECTION DEVICE HAVING DAMPING FUNCTION AND USE METHOD THEREFOR. Int. Cl. (2025.01) **E04B 1/00; E04B 2/00; E04H 9/00**. GUANGDONG POWER GRID CO., LTD. 19 May 2023 (S20230173) [China-20 March 2023]
- S87626** CONTROLLABLE THERMAL EXPANSION CERAMIC COMPOSITE MATERIAL $\text{ZrO}_2\text{-ZrMgMo}_3\text{O}_{12}$ AND PREPARATION METHOD THEREOF. Int. Cl. (2025.01) **C04B 35/00**. ZHENGZHOU UNIVERSITY OF AERONAUTICS 06 July 2023 (S20230260)
- S87627** A pool-type lead-bismuth fast reactor solid oxygen control mass exchanger. Int. Cl. (2025.01) **G21C 19/00**. NORTH CHINA ELECTRIC POWER UNIVERSITY 01 January 2024 (S20240003) [China-24 May 2023]
- S87628** DIRECT-DRIVE PERMANENT MAGNET SYNCHRONOUS MOTOR. Int. Cl. (2025.01) **H02K 1/00; H02K 21/00**. SHENYANG UNIVERSITY OF TECHNOLOGY; SHANDONG UNIVERSITY 07 September 2023 (S20230373)
- S87629** A Handle Device. Int. Cl. (2025.01) **B25G 1/00; B25G 3/00; B62B 1/00**. MAURICE O'GORMAN 11 April 2024 (S20240188)
- 87630** Toothbrush with Indicator Markings. Int. Cl. (2025.01) **A46B 5/00**. DEIRDRE O'DWYER 30 January 2023 (20230012) [United Kingdom-31 January 2022]
- 87631** Contaminated Air Treatment. Int. Cl. (2025.01) **A01K 1/00; A61L 9/00; B01D 47/00**. I/O ELECTRICAL & MECHANICAL LIMITED 19 July 2022 (20220122)
- 87632** Waste Treatment. Int. Cl. (2025.01) **C02F 1/00; B09B 3/00; A01K 1/00**. I/O ELECTRICAL & MECHANICAL LIMITED 19 July 2022 (20220121)
- 87633** Assembly and method of installing an assembly. Int. Cl. (2025.01) **A62C 2/00; F24F 11/00; F24F 13/00**. APRECO LIMITED 09 November 2021 (20210187) [United Kingdom-17 November 2020]
- S87634** Distributed optical fiber vibration sensing system for oil and gas pipeline detection. Int. Cl. (2025.01) **G01H 9/00; G01D 5/00**. GUANGDONG UNIVERSITY OF PETROCHEMICAL TECHNOLOGY; GUO JIKUN; ZHAO YANYAN; MA YUANJIA; LIU LIMIN 10 July 2023 (S20230261)
- 87635** A WATER TREADMILL FOR HORSES. Int. Cl. (2025.01) **A01K 15/00; A61D 11/00; A63B 22/00**. C-HORSE FABRICATIONS LIMITED 19 November 2024 (20240703) [Ireland-23 November 2023]
- 87636** WALL PANEL. Int. Cl. (2025.01) **E04B 2/00; H02G 3/00**. EEKOWALL LIMITED 27 June 2022 (20220224) [United Kingdom-25 June 2021]
- 87637** WALL PANEL. Int. Cl. (2025.01) **E04B 2/00; E04B 1/00**. EEKOWALL LIMITED 27 June 2022 (20220223) [United Kingdom-25 June 2021]
- 87638** WALL PANEL. Int. Cl. (2025.01) **E04B 2/00**. EEKOWALL LIMITED 27 June 2022 (20220226) [United Kingdom-02 August 2021]

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. 23/25, dated 2025-06-04

2211736	Implantica Patent Ltd.	10/10/2008	2211736	08837206.5	
2358314	ConvaTec Technologies Inc.	30/11/2009	2358314	09828400.3	
2421376	Immunolight, LLC.	21/04/2010	2421376	10767701.5	
	Duke University				
2514238	LG Electronics Inc.	17/12/2010	2514238	10837910.8	
2555834	Hiebler Sports GmbH	07/04/2011	2555834	11764992.1	
2564078	Bayerische Motoren Werke	23/02/2011	2564078	11706476.6	German
	Aktiengesellschaft				
2701575	Carl Zeiss Meditec AG	27/04/2012	2701575	12720133.3	
2707044	Vactronix Scientific, LLC	14/05/2012	2707044	12786428.8	
2773401	Becton, Dickinson and Company	26/10/2012	2773401	12787265.3	
2773893	Long Pipes Pty Ltd	31/10/2011	2773893	11835364.8	
2802048	Fränkische Industrial Pipes GmbH & Co. KG	05/05/2014	2802048	14166972.1	German
2824264	Roto Frank Fenster- und Türtechnologie GmbH	08/07/2013	2824264	13175461.6	German
2847677	Sandisk Technologies, Inc.	02/05/2013	2847677	13722939.9	
2861759	Aarhus Universitet	14/06/2013	2861759	13732819.1	
	Region Midtjylland				
2880088	SABIC Global Technologies B.V.	25/07/2013	2880088	13747559.6	
2900595	Applied NanoStructured Solutions, LLC	26/09/2013	2900595	13840416.5	
2947973	Nichia Corporation	21/05/2015	2947973	15168562.5	
2950278	HERE Global B.V.	15/04/2015	2950278	15163613.1	
2968583	NBE-Therapeutics AG	14/03/2014	2968583	14710285.9	
2981840	Leonardo UK Ltd	03/04/2014	2981840	14714751.6	
2984206	Picosun Oy	10/04/2013	2984206	13832495.9	
2984750	Honey Badger International Pty Ltd	14/04/2014	2984750	14782917.0	
	Rogers, Gregory Neville				
2986296	Mayne Pharma International Pty Ltd.	16/04/2014	2986296	14785525.8	
3009110	Hafez, Mahmoud Alm El Din	11/06/2013	3009110	13886792.4	
3029391	Hombücher, Heinz-Dieter	24/11/2015	3029391	15196150.5	German
3040541	Marelli Europe S.p.A.	09/12/2015	3040541	15198775.7	
3055052	Praxair Technology, Inc.	07/10/2014	3055052	14789455.4	
3061196	Osram Sylvania Inc.	20/10/2014	3061196	14795720.3	
3069868	Hitachi Energy Ltd	17/03/2015	3069868	15159376.1	
3074772	F. Hoffmann-La Roche AG	26/11/2014	3074772	14821349.9	
3076088	Fujitsu General Limited	30/03/2016	3076088	16163025.6	
3091003	Yungjin Pharm. Co., Ltd.	30/12/2014	3091003	14876975.5	
3093770	Trendminer N.V.	11/04/2016	3093770	16164694.8	
3096619	ADAMA MAKHTESHIM LTD	30/12/2014	3096619	14876883.1	
3096830	Boston Scientific Medical Device Limited	19/01/2015	3096830	15737506.4	
3106561	Hueck Folien Gesellschaft m.b.H.	19/06/2015	3106561	15001815.8	German
3122327	Ecolab USA Inc.	03/03/2015	3122327	15768833.4	
3125204	Cardtronics USA, Inc.	24/12/2015	3125204	15202747.0	
3129968	Gojo Industries, Inc.	09/04/2015	3129968	15719051.3	
3134249	IQS Group a.s.	23/04/2014	3134249	14725351.2	

3153690	Rolls-Royce Corporation Rolls-Royce North American Technologies, Inc.	29/09/2016	3153690	16191518.6	
3167016	Hempel A/S	10/07/2015	3167016	15818310.3	
3174518	Ecolab USA Inc.	30/07/2015	3174518	15826884.7	
3177279	Avanti Polar Lipids, LLC	10/08/2015	3177279	15832041.6	
3179463	Hitachi Astemo, Ltd.	17/06/2015	3179463	15830281.0	
3180419	Danstar Ferment AG	11/08/2015	3180419	15767589.3	
3189861	Terumo Kabushiki Kaisha	18/11/2009	3189861	17157528.5	
3199442	Ulstein Design & Solutions AS	23/02/2006	3199442	17160661.9	
3200681	PRESYMPTO, INC.	04/09/2015	3200681	15837611.1	
3200831	The Trustees of The University of Pennsylvania Inovio Pharmaceuticals, Inc.	29/09/2015	3200831	15845692.1	
3200878	Vir Biotechnology, Inc. Triad National Security, LLC Oregon Health & Science University	05/10/2015	3200878	15847978.2	
3206850	2543500 Alberta Ltd.	14/10/2015	3206850	15850704.6	
3211318	General Electric Technology GmbH	17/02/2017	3211318	17156619.3	
3219150	Nokia Technologies Oy	12/11/2014	3219150	14906037.8	
3220920	Fleurir Abx LLC	18/11/2015	3220920	15860075.9	
3228718	Furukawa Electric Co., Ltd. Furukawa Automotive Systems Inc.	04/12/2015	3228718	15864492.2	
3232651	Advanced New Technologies Co., Ltd.	03/12/2015	3232651	15868151.0	
3233395	KUKA Deutschland GmbH	15/12/2015	3233395	15817070.4	German
3236055	Ford Global Technologies, LLC	20/04/2016	3236055	16166213.5	
3250274	SurgiQuest, Inc.	27/01/2016	3250274	16708229.6	
3250860	Viessmann Holding International GmbH	22/01/2016	3250860	16711119.4	German
3250966	Verga, Frank J. Schneider Electric USA, Inc. Buda, Paul Robert Turner, Larry A. Brown, Scott Robert Pollard, Gary Brent Glasgow, David R. Pazis, Jason	29/01/2016	3250966	16744214.4	
3251720	Terumo Kabushiki Kaisha	22/04/2016	3251720	16783273.2	
3262077	VAXNEWMO LLC	26/02/2016	3262077	16754717.3	
3265606	The Procter & Gamble Company	01/03/2016	3265606	16710873.7	
3266399	Gyrus ACMI, Inc. (D.B.A. Olympus Surgical Technologies America)	27/06/2017	3266399	17178239.4	
3267955	PAVmed Inc.	10/03/2016	3267955	16762527.6	
3269287	Chemische Fabrik Dr. Weigert GmbH & Co KG	15/07/2016	3269287	16179600.8	German
3278049	Polarstar Engineering & Machine, LLC	04/04/2016	3278049	16774397.0	
3281404	Scope Technologies US Inc.	05/04/2016	3281404	16777132.8	
3283144	Medical Flow Systems Ltd.	13/04/2016	3283144	16779710.9	
3283228	Hemubo Almere B.V.	14/04/2016	3283228	16733219.6	
3283439	Northwestern University	08/04/2016	3283439	16780501.9	
3283580	EVÖQ Nano, Inc.	13/04/2016	3283580	16780664.5	
3288307	Sharp Kabushiki Kaisha	08/04/2016	3288307	16783031.4	
3288774	Ferry, Keith George Busch, Jason Michael	27/04/2016	3288774	16726993.5	
3291780	Cornell University	20/04/2016	3291780	16783749.1	
3294395	Hollister Incorporated	18/04/2016	3294395	16718960.4	
3295020	Eldor Corporation S.p.A.	20/04/2016	3295020	16725916.7	
3295027	LG Electronics Inc.	12/04/2016	3295027	16792857.1	
3295136	Honeywell International Inc.	27/04/2016	3295136	16793158.3	
3296886	SAMSUNG ELECTRONICS CO., LTD.	02/08/2017	3296886	17184395.6	
3299127	Black & Decker Inc.	22/06/2017	3299127	17177408.6	
3309118	TALOS TECHNOLOGY CORPORATION	30/01/2017	3309118	17153804.4	
3312225	NEC Corporation	17/06/2016	3312225	16813942.6	

3320584	Airbus Defence and Space SAS	07/07/2016	3320584	16750937.1	French
3321268	Agency for Science, Technology and Research	01/04/2013	3321268	17179630.3	
3322989	Yeda Research and Development Co. Ltd.	14/07/2016	3322989	16745856.1	German
3325352	Zoetis Services LLC	19/07/2016	3325352	16745945.2	
3332443	Marquardt GmbH	03/08/2016	3332443	16756605.8	
3333595	Nuctech Company Limited	29/09/2017	3333595	17194171.9	
3334204	Sharp Kabushiki Kaisha	03/08/2016	3334204	16833076.9	
3338308	Raytheon Company	09/08/2016	3338308	16757402.9	
3340554	Institut Mines-Telecom	21/12/2016	3340554	16306758.0	
3348312	Nintendo Co., Ltd.	04/01/2018	3348312	18150287.3	French
3349270	LG Energy Solution, Ltd.	11/11/2016	3349270	16864597.6	
3349629	UberDesign.Com Inc.	03/10/2016	3349629	16854146.4	
3350257	Gaylord Chemical Company LLC	15/09/2016	3350257	16785189.8	
3351837	KYB Corporation	08/09/2016	3351837	16846370.1	
3354019	Telefonaktiebolaget LM Ericsson (publ)	07/07/2016	3354019	16849099.3	
3355815	Ethicon LLC	22/09/2016	3355815	16774794.8	
3358067	LG Electronics Inc.	30/09/2016	3358067	16852086.4	German
3358845	Zhejiang University	24/04/2013	3358845	18158676.9	
	ZTE Corporation				
3359022	Tata Consultancy Services Limited	04/10/2016	3359022	16853166.3	
3363705	Valeo Schalter und Sensoren GmbH	16/02/2018	3363705	18157085.4	
3365437	Institut National de la Santé et de la Recherche Médicale (INSERM)	20/10/2016	3365437	16784218.6	
	Centre National de la Recherche Scientifique (CNRS)				German
	Ecole Normale Supérieure de Lyon				
	Université Claude Bernard Lyon 1				
3366715	Possible Answer, S.A.	19/10/2016	3366715	16805502.8	
3367917	W. L. Gore & Associates, Inc.	04/10/2016	3367917	16785604.6	
3368890	Qass GmbH	28/10/2016	3368890	16801705.1	
3370328	Mitsubishi Electric Corporation	30/10/2015	3370328	15907329.5	German
3371023	Zoox, Inc.	02/11/2016	3371023	16862835.2	
3371585	RotaChrom Technológiai és Szolgáltató Zártkörűen Működő Részvénytársaság	13/09/2016	3371585	16790422.6	
3371796	Zoox, Inc.	02/11/2016	3371796	16862901.2	
3373083	General Electric Technology GmbH	14/02/2018	3373083	18156724.9	
3376438	Tata Consultancy Services Limited	09/01/2018	3376438	18150698.1	
3376852	Institute of Botany of The Chinese Academy of Sciences	17/11/2016	3376852	16865304.6	
	Commonwealth Scientific and Industrial Research Organisation				German
3377023	ELC Management LLC	17/11/2016	3377023	16867165.9	
3381019	Robert Bosch GmbH	20/10/2016	3381019	16787379.3	
3381392	Erbe Elektromedizin GmbH	12/02/2018	3381392	18156310.7	
3382843	Siemens Energy AS	29/03/2017	3382843	17163683.0	
3385288	Bridgestone Corporation	07/11/2016	3385288	16870165.4	
3385331	Mitsui Chemicals, Inc.	29/11/2016	3385331	16870657.0	
3385859	Mitsubishi Electric Corporation	03/04/2017	3385859	17164572.4	German
3389196	Honeywell International Inc.	03/04/2018	3389196	18165566.3	
3395897	Kingfa Sci. & Tech. Co., Ltd.	20/10/2016	3395897	16877446.1	
3397399	3M Innovative Properties Company	13/12/2016	3397399	16882299.7	
3398303	Alcatel-Lucent USA Inc.	20/12/2016	3398303	16825646.9	
3401180	Valeo Comfort and Driving Assistance	03/05/2018	3401180	18170653.2	
3401548	Garrett Transportation I Inc.	13/04/2018	3401548	18167399.7	
3405132	Relign Corporation	20/01/2017	3405132	17742070.0	German
3405220	H.B. Fuller Company	01/04/2016	3405220	16717517.3	
3407742	G.D Società per Azioni	24/01/2017	3407742	17706305.4	
3411745	Google LLC	14/12/2016	3411745	16823403.7	
3412218	Medos International Sarl	11/06/2018	3412218	18177019.9	
3415566	SUMITOMO CHEMICAL COMPANY, LIMITED	09/02/2017	3415566	17750321.6	

3416548	Impedimed Limited	15/02/2017	3416548	17752563.1	
3417482	Siemens Energy Global GmbH & Co. KG	06/04/2016	3417482	16716841.8	German
3419668	Ramot at Tel-Aviv University Ltd.	24/02/2017	3419668	17755949.9	
3420717	PureLiFi Limited	21/03/2017	3420717	17717817.5	
3421797	Daikin Industries, Ltd.	05/03/2009	3421797	18188889.2	
3424862	Otis Elevator Company	06/07/2018	3424862	18182305.5	
3430079	Borealis AG	11/08/2016	3430079	16754466.7	
3431057	Hollister Incorporated	01/03/2012	3431057	18167009.2	
3436398	Gilbarco Inc.	03/04/2017	3436398	17776912.2	
3436648	Glass Systems Limited	27/03/2017	3436648	17773396.1	
3436949	Hewlett-Packard Development Company, L.P.	29/07/2016	3436949	16910745.5	
3438226	Korea University Research and Business Foundation	31/03/2017	3438226	17775906.5	
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3443394	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	03/04/2017	3443394	17715151.1	German
	Friedrich-Schiller-Universität Jena				
3443470	Ader Bilgisayar Hizmetleri Ve Ticaret A.S.	14/04/2016	3443470	16728754.9	
3443881	LG Electronics Inc.	13/04/2017	3443881	17782682.3	
3443927	Kawasaki Jukogyo Kabushiki Kaisha	12/04/2017	3443927	17782437.2	
3444002	University of Maryland, Baltimore	22/04/2014	3444002	18177361.5	
3446835	Sandvik Mining and Construction Oy	21/08/2017	3446835	17187042.1	
3447233	Mitsubishi Materials Corporation	19/04/2017	3447233	17785996.4	
3447364	Koito Manufacturing Co., Ltd.	05/04/2017	3447364	17785791.9	
3448157	Innovation Hammer LLC	20/04/2017	3448157	17790131.1	
3449021	Mintek	26/04/2017	3449021	17737713.2	
3449341	View, Inc.	25/04/2017	3449341	17790290.5	
3449850	Ethicon LLC	03/03/2014	3449850	18199384.1	
3450370	Otis Elevator Company	24/08/2018	3450370	18190852.6	
3453414	Insulet Corporation	13/01/2017	3453414	18178057.8	
3456809	Ecolab USA, Inc.	27/02/2013	3456809	18203258.1	
3457240	Siemens Aktiengesellschaft	19/09/2017	3457240	17191766.9	
3460737	Google LLC	20/04/2012	3460737	18201105.6	
3460816	Kuraray Co., Ltd.	21/04/2017	3460816	17799117.1	
3460864	Merck Patent GmbH	05/03/2013	3460864	18205568.1	German
3460979	Rohm Co., Ltd.	28/06/2017	3460979	17820181.0	
3462386	FUJITSU LIMITED	19/09/2018	3462386	18195436.3	
3463865	AGC Glass Europe	12/05/2017	3463865	17722069.6	
3467071	M. Technique Co., Ltd.	04/04/2017	3467071	17806177.6	
3467922	Imerys Graphite & Carbon Switzerland Limited	19/09/2012	3467922	18204124.4	
	Johnson Matthey Hydrogen Technologies Limited				
3470709	NOK Corporation	11/04/2017	3470709	17809958.6	
3471106	Siemens Healthineers AG	10/10/2017	3471106	17195681.6	
3471737	Merck Sharp & Dohme LLC	20/06/2017	3471737	17816015.6	
	Idenix Pharmaceuticals LLC				
3472602	Deutsches Zentrum für Luft- und Raumfahrt e.V.	19/06/2017	3472602	17733399.4	German
3473332	Kanadevia Corporation	13/06/2017	3473332	17815230.2	
3474500	New H3C Technologies Co., Ltd.	20/06/2017	3474500	17814696.5	
3478609	Simtech S.P.R.L.	28/06/2017	3478609	17732473.8	French
3480515	Koito Manufacturing Co., Ltd.	28/06/2017	3480515	17820242.0	
3480580	Sharp Life Science (EU) Limited	02/11/2018	3480580	18204186.3	
3480994	LG Electronics Inc.	27/04/2018	3480994	18790941.1	
3482138	Blueair AB	05/07/2017	3482138	17824635.1	
3483980	LG Energy Solution, Ltd.	21/02/2018	3483980	18772425.7	
3489128	Becker Marine Systems GmbH	28/11/2017	3489128	17204181.6	German
3491189	Topchim N.V.	27/07/2017	3491189	17749665.0	

3491424	Nanyang Technological University Thales Solutions Asia Pte Ltd. Centre National de la Recherche Scientifique	28/07/2017	3491424	17834878.5	
3491891	Lumileds LLC	26/05/2017	3491891	17834906.4	
3492369	Airbus Operations GmbH	19/11/2018	3492369	18206921.1	
3493050	AB Initio Technology LLC	13/03/2014	3493050	18198736.3	
3496491	Nippon Telegraph and Telephone Corporation	19/07/2013	3496491	19154749.6	
3497707	Hitachi Energy Ltd	09/08/2017	3497707	17840191.5	
3497715	Qualcomm Incorporated	12/07/2017	3497715	17745908.8	
3499632	TE Connectivity Germany GmbH	13/12/2018	3499632	18212171.5	
3500729	Baker Hughes Holdings LLC	16/08/2017	3500729	17842055.0	
3502030	KONE Corporation	29/12/2017	3502030	17211142.9	
3503796	BOE Technology Group Co., Ltd. Beijing BOE Multimedia Technology Co., Ltd.	22/08/2017	3503796	17829580.4	
3504184	Taminco BV	14/08/2017	3504184	17751764.6	
3504329	Novozymes A/S	24/08/2017	3504329	17758129.5	
3506187	Gogoro Inc.	28/12/2018	3506187	18248291.9	
3506291	Ethicon LLC	11/09/2018	3506291	18193624.6	
3507018	Vulco S.A.	02/09/2017	3507018	17844703.3	
3507424	Garios, Wadih	31/08/2016	3507424	16914376.5	
3508149	Terumo Kabushiki Kaisha	24/08/2017	3508149	17846295.8	
3508538	FUJIFILM Corporation	18/07/2017	3508538	17845926.9	
3510620	Eaton Intelligent Power Limited	07/09/2017	3510620	17767779.6	German
3514753	Tsuboi, Ken Kajiyama, Tadahiro	05/09/2017	3514753	17850750.5	
3516391	HematoLogics, Inc.	19/09/2017	3516391	17851802.3	
3517551	LG Chem, Ltd.	22/09/2017	3517551	17853472.3	
3518133	Rockwell Automation Technologies, Inc.	24/01/2019	3518133	19153444.5	
3518597	ZTE Corporation	31/07/2017	3518597	17833607.9	
3519657	Illinois Tool Works Inc.	19/09/2017	3519657	17772293.1	
3520304	InterDigital Patent Holdings, Inc.	28/09/2017	3520304	17785083.1	
3523576	LEIA Inc.	04/10/2017	3523576	17859146.7	
3525018	Fujikura Ltd.	03/03/2017	3525018	17857988.4	
3525671	ResMed Pty Ltd	10/10/2017	3525671	17860941.8	
3527566	Shanghai Huilun Life Science & Technology Co., Ltd	11/10/2017	3527566	17859727.4	
3529329	Henkel AG & Co. KGaA	11/10/2017	3529329	17781497.7	
3534679	Rigaku Corporation	27/02/2019	3534679	19159575.0	
3534867	Solventum Intellectual Properties Company	06/11/2017	3534867	17863282.4	
3534879	Technion Research & Development Foundation Limited	06/11/2017	3534879	17867014.7	
3544074	Samsung Electronics Co., Ltd.	19/03/2019	3544074	19163844.4	
3544891	ATLAS ELEKTRONIK GmbH	21/11/2017	3544891	17807998.4	German
3548930	SpotLight	28/11/2017	3548930	17822555.3	French
3549184	BOE Technology Group Co., Ltd.	08/08/2017	3549184	17832898.5	
3549409	Hypertherm, Inc.	05/12/2017	3549409	17817619.4	
3550323	Hitachi Astemo, Ltd.	17/11/2017	3550323	17876393.4	
3552698	Nisshinbo Holdings Inc. National University Corporation Gunma University	30/11/2017	3552698	17878288.4	
3553796	Shibaura Electronics Co., Ltd.	27/04/2018	3553796	18820706.2	
3553997	NTI, Inc.	06/12/2017	3553997	17877869.2	
3554318	Halonon, Ari	15/12/2017	3554318	17880782.2	
3554435	Clearside Biomedical, Inc.	12/12/2017	3554435	17880800.2	
3554495	Merck Patent GmbH	18/12/2017	3554495	17823090.0	
3554907	Robert Bosch GmbH	16/11/2017	3554907	17805138.9	German
3558502	Monash University	14/12/2017	3558502	17884418.9	
3559872	Volkswagen Aktiengesellschaft	22/12/2016	3559872	16826336.6	German
3561031	The Procter & Gamble Company	08/01/2019	3561031	19150709.4	

3561336	Stabilus GmbH	15/04/2019	3561336	19169291.2	German
3564196	Nippon Electric Glass Co., Ltd.	16/11/2017	3564196	17887890.6	
3569573	Tokuyama Corporation	28/12/2017	3569573	17892045.0	
3570749	Dexcom, Inc.	16/01/2018	3570749	18741035.2	
3570945	CAYAGO TEC GmbH	04/01/2018	3570945	18702056.5	German
3571029	BOXPLAN GmbH	16/01/2018	3571029	18700668.9	German
3572464	Osaka Soda Co., Ltd.	11/01/2018	3572464	18741546.8	
3573009	Fair Isaac Corporation	16/05/2019	3573009	19174942.3	
3574556	The Government of the United States as represented by the Secretary of the Navy Lawrence Livermore National Security, LLC	25/01/2018	3574556	18744688.5	
3574727	Jabil Inc.	24/01/2018	3574727	18744380.9	
3576040	LG Electronics Inc.	16/01/2018	3576040	18745230.5	
3576875	Clariant Produkte (Deutschland) GmbH	26/01/2018	3576875	18725741.5	German
3577473	INVENTIO AG	21/06/2017	3577473	17736887.5	
3578287	TRUMPF Laser GmbH	12/06/2017	3578287	19188649.8	German
3579097	Rakuten Group, Inc.	03/02/2017	3579097	17894952.5	
3579536	Omron Corporation	09/03/2017	3579536	17895458.2	
3580481	STASSKOL GmbH	26/01/2018	3580481	18703711.4	German
3581551	Eco-Habitat B.V.	13/06/2019	3581551	19179887.5	
3582445	Omron Corporation	20/11/2017	3582445	17896209.8	
3586798	Edwards Lifesciences CardiAQ LLC	12/03/2014	3586798	19188415.4	
3588321	Intel Corporation	21/05/2019	3588321	19175768.1	
3589341	Bemis Manufacturing Company	06/08/2016	3589341	16833990.1	
3589358	Nyxoah S.A.	28/02/2018	3589358	18714702.0	
3589668	Sumitomo Chemical Advanced Technologies LLC	28/02/2018	3589668	18717141.8	
3591301	Sumitomo Chemical Company, Limited				
3591301	GD Midea Heating & Ventilating Equipment Co., Ltd.	09/10/2017	3591301	17920183.5	
3592395	Midea Group Co., Ltd.				
3592395	Baxter International Inc.	07/03/2018	3592395	18712384.9	
3593216	Baxter Healthcare SA				
3593216	Honeywell Limited	02/03/2018	3593216	18763822.6	
3593238	NetApp, Inc.	09/03/2018	3593238	18714658.4	
3593545	DTS, Inc.	18/12/2017	3593545	17900117.7	
3594161	Otis Elevator Company	01/07/2019	3594161	19183690.7	
3597548	Formax, Inc.	27/10/2009	3597548	19190152.9	
3599837	Mars, Incorporated	29/03/2018	3599837	18718356.1	
3600290	Temple University - Of The Commonwealth System of Higher Education	15/03/2018	3600290	18772377.0	
3602496	Hewlett-Packard Development Company, L.P.	21/04/2017	3602496	17906029.8	
3603457	Kaneka Corporation	12/03/2018	3603457	18771294.8	
3604347	Zeon Corporation	28/03/2018	3604347	18777858.4	
3604399	Inoac Corporation	23/03/2018	3604399	18774455.2	
3604475	Fujimi Incorporated	19/03/2018	3604475	18771503.2	
3606544	University of Massachusetts	05/04/2018	3606544	18781286.2	
3606582	Roto Health ApS	06/04/2018	3606582	18720788.1	
3607008	FP-Pigments Oy	03/04/2018	3607008	18718873.5	
3609364	L'OREAL	31/01/2018	3609364	18712276.7	
3609476	Capsugel Belgium NV	10/04/2018	3609476	18724311.8	
3610338	Phoenix Contact GmbH & Co. KG	06/04/2018	3610338	18716890.1	German
3610567	Berner Fachhochschule	10/04/2017	3610567	17716236.9	
3612247	Fenwal, Inc.	20/04/2017	3612247	17721491.3	
3612755	Nexus Controls LLC	17/04/2018	3612755	18787845.9	
3613057	Intuitive Surgical Operations, Inc.	18/04/2018	3613057	18787521.6	
3613218	Genelec OY	21/04/2017	3613218	17906681.6	
3613340	Samsung Electronics Co., Ltd.	20/08/2019	3613340	19192475.2	

3613600	Giesecke+Devrient Currency Technology GmbH	11/10/2011	3613600	19020531.0	German
3615019	Navitor Pharmaceuticals, Inc.	25/04/2018	3615019	18791427.0	
3615413	Flintstone Technology Ltd	26/04/2018	3615413	18728693.5	
3615954	Marvell Semiconductor, Inc.	06/04/2018	3615954	18720884.8	
3616060	Telefonaktiebolaget LM Ericsson (PUBL)	24/04/2017	3616060	17722177.7	
3616381	Siemens Mobility GmbH	06/06/2018	3616381	18733797.7	German
3617615	Zhejiang Sanhua Intelligent Controls Co., Ltd.	24/04/2018	3617615	18791098.9	
3618078	Accenture Global Solutions Limited	09/01/2019	3618078	19151018.9	
3619142	Bestway Inflatables & Material Corp.	04/05/2017	3619142	17908700.2	
3619614	Numascale AS	30/04/2018	3619614	18730137.9	
3619799	Atlas Copco Industrial Technique AB	16/04/2018	3619799	18718147.4	
3619811	Nokia Technologies Oy	04/05/2017	3619811	17908265.6	
	Alcatel Lucent				
3619982	InterDigital Patent Holdings, Inc.	27/04/2018	3619982	18725367.9	
3620189	Alcon Inc.	27/11/2012	3620189	19204998.9	
3620906	CANON KABUSHIKI KAISHA	27/08/2019	3620906	19193672.3	
3621506	Dyson Technology Limited	27/03/2018	3621506	18715110.5	
3621604	FTG Bio LLC	30/03/2018	3621604	18777744.6	
3623500	Cytec Industries Inc.	11/02/2015	3623500	19200597.3	
3624424	Huawei Technologies Co., Ltd.	18/04/2018	3624424	18820724.5	
3626380	JENOPTIK Automatisierungstechnik GmbH	19/06/2019	3626380	19181171.0	German
3626395	Cold Jet LLC	24/04/2019	3626395	19170880.9	
3627785	Solid, Inc.	29/12/2015	3627785	19208598.3	
3628491	HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.	19/09/2019	3628491	19198397.2	
3632858	Tunghsu Technology Group Co., Ltd.	24/05/2018	3632858	18806679.9	
	Tunghsu Group Co., Ltd.				
3633071	National University Corporation Yokohama National University	02/04/2018	3633071	18806725.0	
	De Nora Permelec Ltd				
3633601	GE Precision Healthcare LLC	20/08/2019	3633601	19192724.3	
3633866	Huf Hulsbeck & Fürst GmbH & Co. KG	01/10/2019	3633866	19200875.3	German
3635350	LI-COR, INC.	30/03/2018	3635350	18802344.4	
3635872	Virginia Tech Intellectual Properties, Inc.	03/05/2018	3635872	18732178.1	
3637461	ABB Schweiz AG	11/10/2018	3637461	18199846.9	
3640167	Bavelloni S.p.A.	13/09/2019	3640167	19000409.3	
3640558	Gree Electric Appliances (Wuhan) Co., Ltd	25/12/2017	3640558	17913779.9	
	Gree Electric Appliances, Inc. of Zhuhai				
3641040	BROTHER GROUP (HONG KONG) LIMITED	16/10/2018	3641040	18290120.7	
3641041	BROTHER GROUP (HONG KONG) LIMITED	16/10/2018	3641041	18290121.5	
3641176	Datang Mobile Communications Equipment Co., Ltd.	20/04/2018	3641176	18818388.3	
3641477	ZTE Corporation	25/05/2018	3641477	18817849.5	
3641478	Datang Mobile Communications Equipment Co., Ltd.	23/04/2018	3641478	18817918.8	
3643251	Zeon Corporation	19/06/2018	3643251	18821361.5	
	National University Corporation Kagawa University				
3643536	Sumitomo Rubber Industries, Ltd.	17/10/2019	3643536	19203867.7	
3644048	Job Corporation	19/06/2018	3644048	18821561.0	
3644803	De'Longhi Appliances S.r.l.	25/07/2018	3644803	18743027.7	
3644820	Auris Health, Inc.	27/06/2018	3644820	18824749.8	
3645026	NOOS S.r.l.	28/06/2017	3645026	17749216.2	
3646618	Bose Corporation	20/04/2018	3646618	18724028.8	
3647503	Hansgrohe SE	29/10/2019	3647503	19205863.4	German
3648156	Infineon Technologies AG	02/11/2018	3648156	18204115.2	
3648470	GN Hearing A/S	05/11/2018	3648470	18204468.5	

3648648	Milwaukee Electric Tool Corporation	18/04/2018	3648648	18827650.5	German
3652226	Hilti Aktiengesellschaft	02/07/2018	3652226	18734242.3	
3653180	Ortopedia Ciaglia Srl	16/10/2019	3653180	19020582.3	
3654138	Samsung Display Co., Ltd.	13/11/2019	3654138	19208758.3	
3654169	Palo Alto Research Center Incorporated	05/11/2019	3654169	19207315.3	French
3654458	Hirose Electric Co., Ltd.	25/05/2018	3654458	18831522.0	
3657210	THALES	12/11/2019	3657210	19208550.4	
3657226	Hengtong Optic-Electric Co., Ltd.	05/09/2019	3657226	19835346.8	
3660583	LG Chem, Ltd.	27/07/2018	3660583	18838533.0	French
3662279	Siemens Energy, Inc. FBS Inc.	01/08/2017	3662279	17749587.6	
3662604	QUALCOMM Incorporated	03/08/2018	3662604	18756130.3	
3662833	Dexcom, Inc.	20/02/2014	3662833	20154398.0	
3663507	IFP Energies nouvelles	26/11/2019	3663507	19211411.4	French
3663995	Omron Corporation	17/07/2018	3663995	18841577.2	
3666960	Qingdao Haier Washing Machine Co., Ltd.	10/08/2018	3666960	18843118.3	
3667431	Montres Breguet S.A.	13/12/2018	3667431	18212241.6	
3667443	Agie Charmilles SA	14/12/2018	3667443	18212589.8	French
3668194	Fujitsu Limited	11/08/2017	3668194	17921016.6	
3668331	Philip Morris Products S.A.	23/01/2019	3668331	19701823.7	
3669259	Samsung Electronics Co., Ltd.	05/07/2018	3669259	18847977.8	
3669537	SAMSUNG ELECTRONICS CO., LTD.	22/01/2019	3669537	19740696.0	French
3669931	Terumo Kabushiki Kaisha	19/10/2018	3669931	18868830.3	
3670123	LG Energy Solution, Ltd.	01/07/2019	3670123	19846332.5	
3672045	Fuji Corporation	15/08/2017	3672045	17921786.4	
3673816	FUJIFILM Corporation	12/06/2018	3673816	18848765.6	French
3673832	Ethicon LLC	30/12/2019	3673832	19220072.3	
3673989	JSR Corporation	23/08/2018	3673989	18847719.4	
	JSR Life Sciences Corporation				
	JSR Life Sciences, LLC				
	JSR Micro N.V.				
3674182	HYUNDAI MOTOR COMPANY	30/12/2019	3674182	19220109.3	French
	Kia Corporation				
3674769	TDK TAIWAN CORP.	20/12/2019	3674769	19218906.6	
3674996	Bull SAS	23/12/2019	3674996	19219564.2	
3675327	Sanyo Denki Co., Ltd.	19/12/2019	3675327	19218199.8	French
3677178	FUJIFILM Corporation	30/05/2018	3677178	18849617.8	
3677620	Toray Industries, Inc.	27/08/2018	3677620	18852485.4	
3679900	Catalyst OrthoScience Inc.	07/03/2014	3679900	20152807.2	
3680756	Samsung Display Co., Ltd.	23/12/2019	3680756	19219199.7	French
3681307	Covercross Inc.	14/09/2018	3681307	18855603.9	
	Board Of Trustees Of Illinois State University				
	Regents of the University of Minnesota				
3682705	Nokia Technologies Oy	29/08/2018	3682705	18779025.8	German
3685349	Volume Graphics GmbH	11/09/2018	3685349	18769145.6	
3685755	FUJIFILM Corporation	26/07/2018	3685755	18858868.5	
3686162	Owens-Brockway Glass Container Inc.	24/04/2015	3686162	20158812.6	
3686471	Samsung Electronics Co., Ltd.	04/09/2018	3686471	18877100.0	German
3686552	NEXION S.p.A.	21/01/2020	3686552	20152971.6	
3686934	Samsung Display Co., Ltd.	24/10/2017	3686934	20160773.6	
3690808	Rolls-Royce plc	03/01/2020	3690808	20150210.1	
3691043	Tyco Electronics (Shanghai) Co., Ltd.	29/01/2020	3691043	20154379.0	French
3691421	AT & S Austria Technologie & Systemtechnik Aktiengesellschaft	29/01/2019	3691421	19154098.8	
	Advanced Interventional Cardiovascular Solutions, LLC				
3691735	Glatt Maschinen- und Apparatebau AG	02/10/2018	3691735	18864042.9	
3691799	LILYLEARN	07/11/2018	3691799	18799763.0	German
3693949	Hamilton Sundstrand Corporation	06/02/2020	3693949	20155850.9	
3693988		18/11/2019	3693988	19209702.0	French

3694103	Dolby Laboratories Licensing Corporation	07/03/2011	3694103	19210576.5	
	Dolby International AB				
3696603	Canon Kabushiki Kaisha	25/09/2018	3696603	18865980.9	
3698244	Samsung Electronics Co., Ltd.	10/01/2019	3698244	19738516.4	
3698755	Medos International Sarl	27/03/2015	3698755	20170629.8	
3700596	Solventum Intellectual Properties Company	10/10/2018	3700596	18797264.1	
3701210	Micro Turbine Technology B.V.	23/10/2018	3701210	18816274.7	
3704654	Microsoft Technology Licensing, LLC	29/10/2018	3704654	18803831.9	
3706093	Beijing Xiaomi Mobile Software Co., Ltd.	22/11/2017	3706093	17932600.4	
3706470	Beijing Xiaomi Mobile Software Co., Ltd.	16/11/2017	3706470	17932124.5	
3706816	Hollister Incorporated	05/11/2018	3706816	18812444.0	
3706910	HemoCue AB	07/11/2018	3706910	18800887.4	
3707009	WORKPLACE MAINTENANCE SOLUTIONS Pty Ltd	03/10/2018	3707009	18863909.0	
3708604	Hanwha Chemical Corporation	05/11/2018	3708604	18875580.5	
3710966	Siemens Healthineers AG	11/01/2019	3710966	19701997.9	
3711281	Koninklijke KPN N.V.	16/11/2018	3711281	18803978.8	
	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO				
3712311	The Boeing Company	19/06/2015	3712311	20173796.2	
3712420	TOYOTA JIDOSHA KABUSHIKI KAISHA	16/03/2020	3712420	20163259.3	
3712634	Ossia Inc.	31/03/2016	3712634	20172979.5	
3712956	Power Integrations, Inc.	04/04/2017	3712956	20161889.9	
3713841	Naval Group	19/11/2018	3713841	18800976.5	French
3714088	Kurkute, Sanjay	12/11/2018	3714088	18881867.8	
3714671	Deere & Company	10/03/2020	3714671	20162196.8	
3716178	Tribe Technologies GmbH	23/03/2020	3716178	20164921.7	German
3717725	Minebea AccessSolutions Deutschland GmbH	20/11/2018	3717725	18807930.5	German
3718147	Sunovate Pty Ltd	28/11/2018	3718147	18883857.7	
3718481	FUJIFILM Corporation	24/02/2020	3718481	20159048.6	
3719132	Agricultural Genomics Institute, Chinese Academy of Agricultural Sciences	04/04/2019	3719132	19784808.8	
	Agricultural Genomics Institute at Shenzhen, Chinese Academy of Agricultural Sciences				
3719719	Accenture Global Solutions Limited	24/03/2020	3719719	20165073.6	
3719834	STMicroelectronics S.r.l.	27/03/2020	3719834	20166392.9	
3721703	Easy Technic SA	12/04/2019	3721703	19168852.2	French
3722182	Hitachi Rail GTS Deutschland GmbH	12/04/2019	3722182	19168971.0	
3722849	Acon Optics Communications Inc.	09/04/2020	3722849	20168890.0	
3723163	Panasonic Intellectual Property Management Co., Ltd.	31/10/2018	3723163	18886503.4	
3724748	Société BIC	12/12/2018	3724748	18815714.3	
3725684	The Boeing Company	13/04/2010	3725684	20156316.0	
3726161	GD Midea Air-Conditioning Equipment Co., Ltd.	22/10/2019	3726161	19798155.8	
	Midea Group Co., Ltd.				
3726167	Ali Group S.r.l.	14/04/2020	3726167	20020177.0	
3726315	The Boeing Company	14/02/2020	3726315	20157285.6	
3726541	Koa Corporation	11/12/2018	3726541	18887518.1	
3727155	Koninklijke Philips N.V.	18/12/2018	3727155	18826300.8	
3727984	PlusAI, Inc.	19/12/2017	3727984	17935295.0	
3728194	Otago Innovation Limited	20/12/2018	3728194	18892575.4	
3729001	PlusAI, Inc.	18/12/2017	3729001	17935461.8	
3729402	SZ DJI Technology Co., Ltd.	08/03/2019	3729402	19817925.1	
3729636	Renault s.a.s	29/11/2018	3729636	18829427.6	French
	Université d'Orléans				
3730708	Leviat GmbH	23/04/2019	3730708	19170477.4	German
3730971	Honeywell International Inc.	10/04/2020	3730971	20169218.3	

3731007	Ordos Yuansheng Optoelectronics Co., Ltd. BOE TECHNOLOGY GROUP CO., LTD.	02/11/2018	3731007	18859964.1	
3732536	Merck Patent GmbH	20/12/2018	3732536	18830471.1	
3732987	Cargill, Incorporated	29/07/2016	3732987	20161698.4	
3734600	Shenzhen TCL New Technology Co., LTD	19/10/2018	3734600	18897772.2	
3734700	LG Energy Solution, Ltd.	26/07/2019	3734700	19841939.2	
3736724	Samsung Electronics Co., Ltd.	28/07/2017	3736724	20179730.5	
3738336	Qualcomm Incorporated	09/01/2018	3738336	18899954.4	
3740016	Vivo Mobile Communication Co., Ltd.	27/12/2018	3740016	18899266.3	
3740145	GLW, Inc.	15/01/2019	3740145	19706783.8	
3740997	Versitech Limited	15/01/2019	3740997	19738030.6	
3741307	Alphatec Spine, Inc.	02/03/2015	3741307	20186250.5	
3742355	Accenture Global Solutions Limited	11/05/2020	3742355	20173901.8	
3742744	Samsung Electronics Co., Ltd.	20/02/2019	3742744	19756620.1	
3743486	Saudi Arabian Oil Company	26/02/2019	3743486	19710865.7	
3744002	Renesas Electronics Corporation	25/01/2018	3744002	18702214.0	
3744384	Neuravi Limited	07/05/2020	3744384	20173413.4	
3744430	Kubota Manufacturing Corporation	10/01/2019	3744430	19743823.7	
3745353	Honeywell International Inc.	26/03/2020	3745353	20166028.9	
3745517	PIOTREK CO., LTD.	27/04/2018	3745517	18902575.2	
3746041	SEDERMA	29/01/2019	3746041	19702528.1	
3746722	Sachar, Varun	03/04/2019	3746722	19806976.7	
3747861	Seed Co., Ltd.	01/02/2019	3747861	19746584.2	
3748400	MBDA Deutschland GmbH	05/03/2020	3748400	20161072.2	German
3748485	Carrier Japan Corporation	20/03/2018	3748485	18904194.0	
3751353	Ricoh Company, Ltd.	27/04/2020	3751353	20171653.7	
3753273	T-Mobile USA, Inc.	05/03/2019	3753273	19765016.1	
3753876	Theegarten-Pactec GmbH & Co. KG	01/04/2020	3753876	20167576.6	German
3753913	NGK Insulators, Ltd. Emaus Kyoto, Inc.	21/01/2019	3753913	19754624.5	
3754348	The Boeing Company	03/04/2020	3754348	20167985.9	
3754350	LG Energy Solution, Ltd.	11/09/2019	3754350	19860584.2	
3754636	Samsung Electronics Co., Ltd.	08/06/2020	3754636	20178731.4	
3756094	Google LLC	18/04/2018	3756094	18726257.1	
3757969	The Boeing Company	27/04/2020	3757969	20171497.9	
3758100	Aptiv Technologies AG	23/06/2020	3758100	20181664.2	
3758912	3M Innovative Properties Company	25/02/2019	3758912	19716240.7	
3759729	Quorum Technologies Ltd	25/02/2019	3759729	19715181.4	
3759928	InterDigital VC Holdings, Inc.	25/02/2019	3759928	19708382.7	
3761737	Datang Mobile Communications Equipment Co., Ltd.	22/02/2019	3761737	19761466.2	
3762589	Federal-Mogul Valvetrain GmbH	31/01/2019	3762589	19702880.6	German
3762779	Kla-Tencor Corporation	05/03/2019	3762779	19764082.4	
3762982	CPS Technology Holdings LLC Clarios Germany GmbH & Co. KG	05/03/2019	3762982	19712367.2	
3764427	LG Energy Solution, Ltd.	04/11/2019	3764427	19882461.7	
3765396	Liebherr-Werk Biberach GmbH	24/04/2019	3765396	19719283.4	German
3765553	Bose Corporation	14/03/2019	3765553	19717991.4	
3766636	Guilin Champion Union Diamond Co., Ltd.	12/03/2019	3766636	19767319.7	
3767182	LG Electronics Inc.	03/04/2020	3767182	20167937.0	
3767326	Pioneer Corporation	14/03/2019	3767326	19767779.2	
3767852	HUAWEI TECHNOLOGIES CO., LTD.	04/04/2018	3767852	18913973.6	
3768054	Fuji Corporation	15/03/2018	3768054	18909929.4	
3768109	molibso Entwicklungs- und Vertriebs GmbH	18/03/2019	3768109	19714314.2	German
3769751	Sahmyook University Industry-Academic Cooperation Foundation N to B Co., Ltd.	20/09/2019	3769751	19863608.6	
3770562	Dab Pumps S.p.A.	06/07/2020	3770562	20184310.9	
3770615	Analog Devices International Unlimited Company	20/07/2020	3770615	20186775.1	
3770999	LG Energy Solution, Ltd.	10/12/2019	3770999	19900749.3	

3771637	Aurora Flight Sciences Corporation	29/06/2020	3771637	20182929.8	
3773109	Hilti Aktiengesellschaft	18/03/2019	3773109	19710424.3	German
3773252	INCUMEDx Inc.	04/04/2019	3773252	19723527.8	
3773302	Intuitive Surgical Operations, Inc.	09/04/2019	3773302	19784413.7	
3773404	V. Guldman A/S	10/04/2019	3773404	19784837.7	
3773758	Firmenich SA	18/09/2019	3773758	19773044.3	
3773931	Société d'Exploitation de Produits pour les Industries Chimiques SEPPIC	10/04/2019	3773931	19726044.1	French
3774182	Milwaukee Electric Tool Corporation	05/04/2019	3774182	19785818.6	
3774783	Neuropore Therapies, Inc.	09/04/2019	3774783	19719101.8	
3775051	Knauf Insulation SPRL	27/03/2019	3775051	19713473.7	
3775445	Dormakaba USA Inc.	12/04/2019	3775445	19784624.9	
3775728	LG Electronics, Inc.	04/04/2019	3775728	19781152.4	
3775733	Samsung Electronics Co., Ltd.	10/09/2019	3775733	19861703.7	
3776322	Thomson Reuters Enterprise Centre GmbH	08/05/2019	3776322	19800101.8	
3776548	Telefonaktiebolaget LM Ericsson (publ)	05/04/2019	3776548	19717452.7	
3776554	Commissariat à l'Energie Atomique et aux Energies Alternatives	05/04/2019	3776554	19730912.3	
	The Board of Trustees of the Leland Stanford Junior University				
3776594	Westinghouse Electric Company Llc	08/04/2019	3776594	19807925.3	
3776691	Shanghai Energy New Materials Technology Co., Ltd.	02/04/2019	3776691	19781878.4	
3776767	ABB Schweiz AG	05/04/2018	3776767	18717004.8	
3777196	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	28/03/2019	3777196	19713055.2	
3777359	Lenovo (Singapore) Pte. Ltd.	05/04/2019	3777359	19726133.2	
3777627	RAZ Design Inc.	14/08/2020	3777627	20191223.5	
3777989	Parker-Hannifin Corporation	17/08/2016	3777989	20191080.9	
3778247	Seiko Epson Corporation	28/03/2019	3778247	19778199.0	
3778463	TADANO LTD.	27/03/2019	3778463	19777802.0	
3778831	Kurita Water Industries Ltd.	25/03/2019	3778831	19785391.4	
3779343	Ningbo China Stirling Engine Manufacturing Co., Ltd	01/04/2019	3779343	19781502.0	
3779402	JFE Steel Corporation	19/03/2019	3779402	19781199.5	
3779635	Guangzhou Shiyuan Electronic Technology Company Limited	29/11/2018	3779635	18914398.5	
	Guangzhou Shizhen Information Technology Co., Ltd.				
3781325	Hosco Fittings, LLC	18/04/2019	3781325	19788759.9	
3781793	SAFRAN AIRCRAFT ENGINES	17/04/2019	3781793	19772778.7	French
3782092	Meta Platforms Technologies, LLC	18/04/2019	3782092	19722763.0	
3782259	Electricité de France	05/04/2019	3782259	19714449.6	French
3782435	Charter Communications Operating, LLC	12/04/2019	3782435	19788148.5	
3782857	BYD Company Limited	18/04/2019	3782857	19788270.7	
3783601	FUJIFILM Corporation	10/04/2019	3783601	19787586.7	
3783756	Aptiv Technologies AG	20/08/2019	3783756	19192622.9	
3784294	University of Iowa Research Foundation	25/04/2019	3784294	19818590.2	
3784807	Evonik Operations GmbH	18/04/2019	3784807	19719255.2	
3785088	GLEASON-PFAUTER MASCHINENFABRIK GMBH	25/04/2019	3785088	19720535.4	German
3785283	Astronics Advanced Electronic Systems Corp.	29/04/2019	3785283	19799175.5	
3785773	Nintendo Co., Ltd.	10/12/2019	3785773	19214937.5	
3786475	Suncall Corporation	24/04/2019	3786475	19803031.4	
	TOYOTA JIDOSHA KABUSHIKI KAISHA				
3787065	LG Energy Solution, Ltd.	18/12/2019	3787065	19905659.9	
3787459	LG ELECTRONICS INC.	30/04/2019	3787459	19795992.7	
3788637	Université Grenoble Alpes	30/04/2019	3788637	19729339.2	French
3789640	Cameron Technologies Limited	03/09/2020	3789640	20194420.4	

3791617	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	17/01/2019	3791617	19701477.2	
3791644	Landis+Gyr Technology, Inc.	17/04/2019	3791644	19722373.8	
3792384	Nippon Filcon Co., Ltd	18/04/2019	3792384	19799765.3	
3792665	Trimble Inc.	10/09/2019	3792665	19196386.7	
3792791	Kuang-Chi Institute of Advanced Technology	28/12/2018	3792791	18918306.4	
3793214	Shenzhen Shokz Co., Ltd.	05/01/2019	3793214	19818634.8	
3794439	Dassault Systèmes	13/05/2019	3794439	19742424.5	French
3795066	Biosense Webster (Israel) Ltd.	02/09/2016	3795066	20184062.6	
3796220	Robert Bosch GmbH	18/09/2019	3796220	19197994.7	
3796343	Mitsubishi Electric Corporation	17/05/2018	3796343	18919004.4	
3796979	Fondazione Telethon ETS	23/04/2019	3796979	19723328.1	
3797722	Medicaroid Corporation	16/09/2020	3797722	20196455.8	
3798137	Mitsubishi Electric Corporation	26/04/2019	3798137	19807035.1	
3799041	Samsung Electronics Co., Ltd.	18/07/2017	3799041	20201122.7	
3799162	LG Energy Solution, Ltd.	31/10/2019	3799162	19880684.6	
3799196	Makita Corporation	28/09/2020	3799196	20198595.9	
3799879	Grand Decade Developments Limited	08/01/2016	3799879	20176001.4	
3801644	Siemens Industry, Inc.	01/07/2019	3801644	19745385.5	
3803778	Lodestar Licensing Group LLC	09/04/2019	3803778	19814609.4	
3803967	CreeLED, Inc.	23/04/2019	3803967	19727151.3	
3804679	Kao Corporation	09/04/2019	3804679	19810814.4	
3804797	TC1 LLC	21/01/2016	3804797	20210688.6	
3805434	LAKE REGION MANUFACTURING, INC.	06/10/2020	3805434	20200393.5	
3805999	Accenture Global Solutions Limited	08/09/2020	3805999	20195020.1	
3806702	SEB S.A.	12/06/2019	3806702	19730346.4	French
3807735	Allstate Insurance Company	14/06/2019	3807735	19818703.1	
3808420	MARKER Deutschland GmbH	06/10/2020	3808420	20200244.0	German
3808454	Sony Group Corporation	22/04/2009	3808454	20213070.4	
3808571	Sumitomo Rubber Industries, Ltd.	15/09/2020	3808571	20196122.4	
3809147	Tsinghua University	26/06/2018	3809147	18922778.8	
3809492	Panasonic Energy Co., Ltd. Panasonic Holdings Corporation	08/03/2019	3809492	19818967.2	
3809525	Samsung Electronics Co., Ltd. Postech Academy-Industry Foundation	27/08/2019	3809525	19853699.7	
3809586	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	15/10/2019	3809586	19203430.4	
3809642	Telefonaktiebolaget LM Ericsson (publ)	14/04/2014	3809642	20202225.7	
3809793	HYUNDAI MOTOR COMPANY Kia Corporation	27/09/2019	3809793	20213263.5	
3810237	CONMED Corporation	09/05/2019	3810237	19822599.7	
3810941	EJOT SE & Co. KG	21/06/2019	3810941	19737668.4	German
3811715	Apple Inc.	26/09/2019	3811715	19867727.0	
3812027	Toray Industries, Inc.	11/06/2019	3812027	19824697.7	
3812341	Linde Material Handling GmbH	24/09/2020	3812341	20198027.3	German
3812352	Schott Primoceler Oy	24/10/2019	3812352	19205115.9	
3812810	Honeywell International Inc.	30/09/2020	3812810	20199476.1	
3812944	Sony Interactive Entertainment Inc.	13/10/2020	3812944	20201608.5	
3813080	NANTONG TIANSHENG NEW ENERGY CO., LTD.	20/09/2019	3813080	19917532.4	
3813176	Panasonic Intellectual Property Management Co., Ltd.	26/04/2019	3813176	19811547.9	
3813572	Philip Morris Products S.A.	21/06/2019	3813572	19732652.3	
3813624	Henkel AG & Co. KGaA	26/06/2019	3813624	19734745.3	German
3814284	MKS Instruments, Inc.	27/08/2019	3814284	19856235.7	
3814953	Jumio Corporation	08/10/2019	3814953	19797864.6	
3814985	Google LLC	15/04/2020	3814985	20724313.0	
3815399	Sensire Oy	01/07/2019	3815399	19735547.2	
3815633	Neuravi Limited	28/10/2020	3815633	20204330.3	

3816556	Zhejiang Sanhua Automotive Components Co., Ltd.	10/04/2019	3816556	19824896.5	
3816613	Koh Young Technology Inc	16/04/2019	3816613	19825087.0	
3816694	TDK TAIWAN CORP.	09/10/2020	3816694	20200990.8	
3816768	Vivo Mobile Communication Co., Ltd.	26/04/2019	3816768	19807463.5	
3817158	Avic Jonhon Optronc Technology Co., Ltd. Nokia Shanghai Bell Co., Ltd.	25/07/2019	3817158	19841884.0	
3817534	LG CHEM, LTD.	28/06/2019	3817534	19827022.5	
3818423	Samsung Electronics Co., Ltd.	21/11/2019	3818423	19886400.1	
3818561	SOITEC	05/07/2018	3818561	18762567.8	French
3819489	TOYOTA JIDOSHA KABUSHIKI KAISHA	07/11/2019	3819489	19306439.1	
3821504	Mersen France Amiens SAS	08/07/2019	3821504	19790619.1	French
3821962	Acer Incorporated	09/04/2020	3821962	20169029.4	
3822873	Rockwell Automation Technologies, Inc.	02/11/2020	3822873	20205171.0	
3822952	F. Hoffmann-La Roche AG	03/08/2009	3822952	20200355.4	
3822962	Samsung Electronics Co., Ltd.	11/11/2020	3822962	20207022.3	
3824577	Telecom Italia S.p.A.	16/07/2019	3824577	19737785.6	
3825146	The Goodyear Tire & Rubber Company	28/10/2020	3825146	20204404.6	
3825532	RTX Corporation	20/11/2020	3825532	20209057.7	
3825785	Montres Breguet S.A.	21/11/2019	3825785	19210562.5	French
3825828	Beijing Xiaomi Mobile Software Co., Ltd.	27/04/2020	3825828	20171509.1	
3825960	Beijing Xiaomi Mobile Software Co., Ltd.	27/04/2020	3825960	20171472.2	
3826081	LG Energy Solution, Ltd.	21/10/2019	3826081	19873271.1	
3826117	TE Connectivity Germany GmbH TE Connectivity India Private Limited	25/11/2019	3826117	19211188.8	
3827769	Medline Industries, LP	21/04/2016	3827769	20212467.3	
3828675	Samsung Display Co., Ltd.	30/01/2019	3828675	19849606.9	
3828804	Tata Consultancy Services Limited	18/03/2020	3828804	20163991.1	
3830405	PHINIA Delphi Luxembourg SARL	08/07/2019	3830405	19737723.7	
3832677	DOWA ELECTRONICS MATERIALS CO., LTD. Dowa F-tec Co., Ltd.	29/08/2019	3832677	19854341.5	
3834686	NUC Electronics Co., Ltd.	29/08/2019	3834686	19813214.4	
3835633	Thetford BV	08/12/2020	3835633	20212542.3	
3835872	CANON KABUSHIKI KAISHA	11/09/2020	3835872	20195078.9	
3836115	IFP Energies nouvelles	25/11/2020	3836115	20209902.4	French
3836422	Beijing Xiaomi Mobile Software Co., Ltd.	06/08/2018	3836422	18928994.5	
3836590	Sagemcom Broadband SAS	09/12/2020	3836590	20212648.8	French
3836755	BSH Hausgeräte GmbH	18/11/2020	3836755	20208416.6	German
3837592	Locus Robotics Corp.	19/09/2019	3837592	19780106.1	
3838210	Straumann Holding AG	07/03/2016	3838210	21154499.4	
3839957	STMicroelectronics S.r.l.	17/12/2020	3839957	20215193.2	
3840315	NTT DoCoMo, Inc.	17/08/2018	3840315	18930213.6	
3840744	Board of Regents, The University of Texas System	20/08/2019	3840744	19851608.0	
3841812	Telefonaktiebolaget LM Ericsson (publ)	12/07/2019	3841812	19852595.8	
3842966	F.A.C.C.T. Antifraud LLC	10/04/2019	3842966	19924312.2	
3843369	Icom Incorporated	26/04/2019	3843369	19864264.7	
3843649	NewUro, B.V.	27/08/2019	3843649	19797785.3	
3844127	Corning Incorporated	30/08/2019	3844127	19769656.0	
3844432	Veo Robotics, Inc.	28/08/2019	3844432	19855654.0	
3844631	President and Fellows of Harvard College	30/08/2019	3844631	19854402.5	
3845109	Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd. Midea Group Co., Ltd.	01/07/2019	3845109	19853578.3	
3845247	Chengdu Kuachangaopu Medical Technology Co., Ltd. Kuachang Inc.	30/08/2019	3845247	19855564.1	
3845906	Hitachi High-Tech Corporation	03/07/2019	3845906	19854610.3	
3846292	Aptiv Technologies AG	23/12/2020	3846292	20216774.8	
3846446	Sony Group Corporation	02/09/2019	3846446	19855709.2	

3846715	Ethicon LLC	06/09/2019	3846715	19773277.9	
3847638	Centre national de la recherche scientifique Université Grenoble Alpes	02/08/2019	3847638	19756326.5	French
3847921	YKK Corporation	06/09/2018	3847921	18932926.1	
3847948	LAKE REGION MANUFACTURING, INC.	11/01/2021	3847948	21151011.0	
3848350	Tokushima University Aichi Steel Corporation	22/08/2019	3848350	19854627.7	
3848804	Mitel Networks Corporation	08/01/2021	3848804	21150797.5	
3848962	MEDIATEK INC.	11/12/2020	3848962	20213349.2	
3849156	Palantir Technologies Inc.	05/01/2021	3849156	21150334.7	
3849445	DePuy Synthes Products, Inc.	27/08/2019	3849445	19783626.5	
3849687	Hydac Filtertechnik GmbH	12/11/2019	3849687	19804698.9	German
3849792	Nova Chemicals (International) S.A.	04/09/2019	3849792	19782722.3	
3850609	HIB Trim Part Solutions GmbH	11/04/2019	3850609	19721201.2	German
3851491	DAIKIN INDUSTRIES, LTD.	16/07/2019	3851491	19858815.4	
3852392	Sonova AG	17/01/2020	3852392	20152367.7	
3853910	TOTAL SE	19/09/2019	3853910	19769512.5	French
3853954	NV Bekaert SA	02/09/2019	3853954	19759413.8	
3854716	Elopak GmbH	27/01/2020	3854716	20153936.8	
3856466	STILL GmbH	19/09/2019	3856466	19772719.1	German
3857240	Maury Microwave, Inc.	25/09/2019	3857240	19836624.7	
3857979	Telefonaktiebolaget LM Ericsson (publ)	26/09/2018	3857979	18778895.5	
3858326	ADEKA CORPORATION	20/09/2019	3858326	19867021.8	
3859381	Furuno Electric Co., Ltd.	26/01/2021	3859381	21153440.9	
3859514	CANON KABUSHIKI KAISHA	20/01/2021	3859514	21152427.7	
3859727	BOE TECHNOLOGY GROUP CO., LTD. Beijing BOE Optoelectronics Technology Co., Ltd.	25/07/2019	3859727	19856495.7	
3859970	Airbus Defence and Space Limited	12/09/2012	3859970	21165799.4	
3860251	NTT DOCOMO, INC.	27/09/2018	3860251	18935717.1	
3860351	BSH Hausgeräte GmbH	02/10/2019	3860351	19783271.0	German
3860537	Johnson & Johnson Surgical Vision, Inc.	27/09/2019	3860537	19869921.7	
3861490	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	01/10/2018	3861490	18782032.9	
3861764	Bose Corporation	04/10/2019	3861764	19791128.2	
3863295	The Nielsen Company (US), LLC	17/08/2018	3863295	21165896.8	
3863299	YAMAHA CORPORATION	08/02/2021	3863299	21155719.4	
3864423	Velocity Image Processing LLC	09/10/2019	3864423	19871326.5	
3864616	Zhejiang Dahua Technology Co., Ltd	24/09/2019	3864616	19887708.6	
3866496	Tencent Technology (Shenzhen) Company Limited	04/09/2019	3866496	19871510.4	
3867953	Yangtze Memory Technologies Co., Ltd.	09/04/2019	3867953	19899779.3	
3868097	Samsung Electronics Co., Ltd.	15/10/2019	3868097	19873877.5	
3869262	InnoLux Corporation	02/02/2021	3869262	21154735.1	
3869395	Accenture Global Solutions Limited	18/02/2021	3869395	21157939.6	
3869416	Salesforce.com, Inc.	18/11/2017	3869416	21167276.1	
3871977	AMI Industries, Inc.	01/03/2021	3871977	21160040.8	
3871978	AMI Industries, Inc.	01/03/2021	3871978	21160077.0	
3875497	LG CHEM, LTD.	28/10/2019	3875497	19878160.1	
3875617	Shanghai Normal University	10/10/2019	3875617	19923873.4	
3875834	Tatsuno Corporation	02/03/2021	3875834	21160135.6	
3876080	Samsung Display Co., Ltd.	04/03/2021	3876080	21160600.9	
3876199	Kyocera Corporation	01/10/2019	3876199	19880425.4	
3876250	Valeo Comfort and Driving Assistance	04/03/2020	3876250	20161015.1	
3877894	Microsoft Technology Licensing, LLC	23/10/2019	3877894	19798506.2	
3878772	Shanghai Quicktron Intelligent Technology Co., Ltd	21/02/2019	3878772	19750621.5	
3878949	Whitehead Institute for Biomedical Research	07/04/2008	3878949	21162420.0	
3879165	Tatsuno Corporation	09/03/2021	3879165	21161419.3	
3879641	MD Elektronik GmbH	25/11/2020	3879641	20209820.8	German

3879740	MediaTek Singapore Pte. Ltd.	04/03/2021	3879740	21160692.6	
3880571	Stasher, Inc.	14/11/2019	3880571	19883646.2	
3881310	Dell Products L.P.	12/11/2019	3881310	19885024.0	
3881569	Honeywell International Inc.	21/10/2019	3881569	19801998.6	
3881649	Robert Bosch GmbH	21/10/2019	3881649	19790526.8	German
3881753	OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "CYBERDOC"	15/11/2019	3881753	19885864.9	German
3881839	Japan Vam & Poval Co., Ltd.	13/11/2019	3881839	19885169.3	
3882030	Palo Alto Research Center Incorporated	01/03/2021	3882030	21160092.9	
3882624	Nisshinbo Holdings Inc. Japan Radio Co., Ltd. Ueda Japan Radio Co., Ltd.	24/12/2019	3882624	19905013.9	
3882933	Hamilton Sundstrand Corporation	18/03/2021	3882933	21163455.5	
3883680	Yara International ASA	22/11/2019	3883680	19802022.4	
3883759	Hexcel Composites Limited	08/11/2019	3883759	19801842.6	
3883929	11949098 Canada Inc.	19/11/2019	3883929	19886903.4	
3885227	Hyundai Motor Company Kia Corporation	31/07/2020	3885227	20188874.0	
3885497	Hansgrohe SE	23/03/2021	3885497	21164305.1	German
3885552	Rolls-Royce plc	10/03/2021	3885552	21161757.6	
3885823	Wuhan China Star Optoelectronics Technology Co., Ltd.	28/02/2020	3885823	20729929.8	
3885899	Honeywell International Inc.	08/03/2021	3885899	21161388.0	
3886230	Zhejiang Hangke Technology Incorporated Company	19/09/2019	3886230	19838924.9	
3886443	ViaSat Inc.	29/07/2016	3886443	21175080.7	
3886726	Cardiomech AS	29/11/2019	3886726	19816246.3	
3886908	Evonik Operations GmbH	28/11/2019	3886908	19836474.7	
3887131	Siemens Gamesa Renewable Energy Service GmbH	25/11/2019	3887131	19809451.8	German
3887587	L&P Property Management Company	08/10/2019	3887587	19891381.6	
3888220	Cummins Power Generation Limited	25/11/2019	3888220	19813946.1	
3888469	Aasted ApS	12/07/2021	3888469	21185170.4	
3888936	BRIDGESTONE CORPORATION	13/11/2019	3888936	19889040.2	
3890604	Brainvivo Ltd.	03/12/2019	3890604	19894376.3	
3890817	Becton, Dickinson and Company	06/12/2019	3890817	19892334.4	
3892867	Kubota Corporation	18/11/2019	3892867	19893984.5	
3893028	González Marín, Saray Melz, Eckhard Edelbert	07/04/2020	3893028	20168534.4	
3893688	Patek Philippe SA Genève	10/12/2019	3893688	19831914.7	French
3894241	Pirelli Tyre S.p.A.	09/12/2019	3894241	19845717.8	
3894652	Arconic Technologies LLC	25/10/2019	3894652	19895864.7	
3895018	INTEL Corporation	27/11/2019	3895018	19894625.3	
3895654	Plasmapp Co., Ltd.	29/09/2020	3895654	20796683.9	
3896160	Sartorius BIA Separations d.o.o.	17/04/2020	3896160	20170191.9	
3896293	SMC Corporation	09/04/2021	3896293	21167555.8	
3896486	IDS Georadar S.r.l.	15/04/2021	3896486	21168719.9	
3896570	DH2i Company	17/01/2013	3896570	21178172.9	
3897145	L'OREAL	17/12/2019	3897145	19832334.7	
3897496	Essity Hygiene and Health Aktiebolag	20/12/2018	3897496	18826035.0	
3897497	Essity Hygiene and Health Aktiebolag	20/12/2018	3897497	18826354.5	
3898321	Nissan North America, Inc.	19/03/2019	3898321	19897545.0	
3898341	Commissariat à l'Energie Atomique et aux Energies Alternatives Renault s.a.s	09/12/2019	3898341	19813369.6	French
3899077	Hyperion Materials & Technologies (Sweden) AB	28/11/2019	3899077	19816463.4	
3899079	AB Sandvik Coromant	19/12/2019	3899079	19820812.6	
3899103	R + D Carbon Ltd	17/12/2019	3899103	19818149.7	
3899964	Abiomed, Inc.	20/12/2019	3899964	19842686.8	
3900065	ARKEMA FRANCE	11/12/2019	3900065	19839646.7	French
3900454	Telecom Italia S.p.A.	18/12/2019	3900454	19831587.1	

3900626	The Regents of the University of California	31/01/2014	3900626	21157826.5	German
3900627	Warsaw Orthopedic, Inc.	13/04/2021	3900627	21168046.7	
3900795	Honeywell International Inc.	18/03/2021	3900795	21163512.3	
3900966	Kessler & Co. GmbH & Co. KG	14/04/2021	3900966	21168377.6	
3901359	TAIWAN TEXTILE RESEARCH INSTITUTE	27/11/2020	3901359	20210382.6	
3901362	Honeywell International Inc.	12/04/2021	3901362	21167938.6	French
3901595	ABB Schweiz AG	22/04/2020	3901595	20170749.4	
3901626	MICRODOS S.R.L.	18/12/2019	3901626	19856447.8	
3901769	Honeywell International Inc.	14/04/2021	3901769	21168463.4	
3901836	Deeping Source Inc.	11/12/2020	3901836	20213437.5	
3901927	GLORY LTD.	13/04/2021	3901927	21167962.6	
3902413	CORN Products Development Inc.	27/12/2019	3902413	19839240.9	
3903516	Samsung Electronics Co., Ltd.	06/01/2020	3903516	20736071.0	
3903949	Intelligrated Headquarters LLC	15/04/2021	3903949	21168690.2	
3904127	ATEQ	29/04/2021	3904127	21171299.7	
3904186	MAZDA MOTOR CORPORATION	06/03/2020	3904186	20783611.5	German
3904300	Luoyang Landglass Technology Co., Ltd.	21/01/2020	3904300	20747968.4	
3904569	TAIWAN TEXTILE RESEARCH INSTITUTE	04/11/2020	3904569	20205615.6	
3904681	ClearMotion, Inc.	18/04/2017	3904681	21150049.1	
3904693	Gree Electric Appliances, Inc. of Zhuhai	24/10/2019	3904693	19904130.2	
3905035	Eagle Technology, LLC	22/04/2021	3905035	21169842.8	
3905222	Honeywell International Inc.	16/04/2021	3905222	21168968.2	
3905494	Grob-Werke GmbH & Co. KG	23/04/2021	3905494	21170175.0	
3905605	KONE Corporation	30/04/2020	3905605	20172438.2	
3905606	KONE Corporation	30/04/2020	3905606	20172443.2	
3905793	Huawei Technologies Co., Ltd.	03/01/2020	3905793	20738400.9	German
3905944	Neuroceuticals Inc.	31/12/2019	3905944	19845684.0	
	Acera LLC				
	Fraen Corporation				
3906125	Durmazlar Makina Sanayi Ve Ticaret Anonim Sirketi	10/10/2019	3906125	19907955.9	
3907194	China Petroleum & Chemical Corporation	27/12/2019	3907194	19907998.9	
	Dalian Research Institute Of Petroleum And Petrochemicals, Sinopec Corp.				
3907370	ABB Schweiz AG	14/04/2021	3907370	21168369.3	
3908348	SHL Medical AG	12/12/2019	3908348	19816758.7	
3909555	Haelvoet, Vincent	01/04/2021	3909555	21166578.1	German
3909627	Biocorp Production S.A.S.	12/04/2016	3909627	21179630.5	
3909943	San-Apro Ltd.	16/12/2019	3909943	19909137.2	
3910084	ArcelorMittal	20/12/2016	3910084	21184063.2	
3910188	Rolls-Royce plc	20/04/2021	3910188	21169299.1	
3910783	HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.	28/11/2019	3910783	19909521.7	
3910864	Samsung Electronics Co., Ltd.	12/05/2021	3910864	21173524.6	
3911877	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	14/01/2020	3911877	20700881.4	
3912151	Parkofon Inc.	28/04/2018	3912151	18794925.0	French
3912540	Beijing Roborock Technology Co., Ltd.	17/01/2020	3912540	20745484.4	
3913127	LG Electronics Inc.	05/04/2019	3913127	19910151.0	
3913291	Coway Co., Ltd.	29/04/2021	3913291	21171308.6	
3913419	THALES	17/05/2021	3913419	21174095.6	
3913627	The Nielsen Company (US), LLC	02/12/2014	3913627	21185539.0	
3914214	The Procter & Gamble Company	23/01/2020	3914214	20706044.3	
3914498	Siemens Mobility GmbH	03/01/2020	3914498	20703689.8	
3914826	Dragonas, Haralambos Theodoros	24/01/2020	3914826	20744981.0	
3914843	IDEATION AS	27/01/2020	3914843	20708700.8	German
3915294	QUALCOMM INCORPORATED	22/01/2020	3915294	20744291.4	
3916283	Cooper-Standard Automotive Inc.	26/03/2021	3916283	21165267.2	
3916457	Accenture Global Solutions Limited	29/01/2021	3916457	21154161.0	
3916792	Seeya Optronics Co., Ltd.	25/02/2021	3916792	21159328.0	

3917441	Aesculap AG	15/01/2020	3917441	20701009.1	German
3917475	Core Scientific Creations Ltd.	27/01/2020	3917475	20749049.1	
3917608	ACJ Hawthorns Unlimited Company	29/01/2020	3917608	20740420.3	
3918174	Bostik SA	28/01/2020	3918174	20701366.5	
3918407	Google LLC	04/12/2019	3918407	19828079.4	
3918588	Crown Equipment Corporation	18/12/2019	3918588	19839717.6	
3918658	AGC Glass Europe	31/01/2020	3918658	20701802.9	
	AGC Inc.				
	AGC Flat Glass North America, Inc.				
	AGC Vidros do Brasil Ltda				
3919116	Digma Medical Ltd.	30/01/2014	3919116	21187094.4	
3919135	LG Electronics Inc.	22/04/2021	3919135	21169796.6	
3920132	Samsung Electronics Co., Ltd.	06/11/2019	3920132	19915272.9	
3920192	Lemer Pax	13/12/2017	3920192	21187470.6	French
3920320	Subtron Technology Co. Ltd.	13/04/2021	3920320	21168051.7	
3921996	Siemens Aktiengesellschaft	11/03/2020	3921996	20714879.2	German
3922021	Huawei Technologies Co., Ltd.	23/06/2020	3922021	20831933.5	
3922046	Starkey Laboratories, Inc.	16/01/2020	3922046	20705840.5	
3922554	The Boeing Company	20/04/2021	3922554	21169490.6	
3923079	KONICA MINOLTA, INC.	18/05/2021	3923079	21174426.3	
3924290	Liebherr-Werk Biberach GmbH	14/02/2020	3924290	20705674.8	German
3924421	ABU DHABI POLYMERS CO. LTD	12/02/2020	3924421	20703766.4	
	(BOROUGE) - Sole Proprietorship L.L.C.				
	Borealis AG				
3925125	Telefonaktiebolaget LM Ericsson (publ)	13/02/2020	3925125	20708200.9	
3926044	Alexion Pharmaceuticals, Inc.	19/06/2017	3926044	21164923.1	
3926159	MAN Energy Solutions SE	17/06/2021	3926159	21180174.1	German
3926590	Honeywell International Inc.	09/06/2021	3926590	21178645.4	
3926658	mi2-factory GmbH	04/04/2017	3926658	21183792.7	German
3927286	Boston Scientific Scimed Inc.	18/02/2020	3927286	20714346.2	
3927530	Continental Reifen Deutschland GmbH	16/12/2019	3927530	19832868.4	German
3927983	thyssenkrupp Presta AG	19/02/2020	3927983	20706233.2	German
	thyssenkrupp AG				
3928808	Amsino Medical (Shanghai) Co., Ltd.	28/08/2019	3928808	19915866.8	
3929365	Huber Cisal Industrie S.p.A.	11/06/2021	3929365	21178974.8	
3930435	Kohsan Co., Ltd.	06/02/2020	3930435	20759242.9	
3930593	TERUMO Kabushiki Kaisha	28/02/2020	3930593	20766953.2	
3930857	Siemens Mobility GmbH	30/03/2020	3930857	20722469.2	German
3932252	The Gillette Company LLC	02/07/2020	3932252	20183633.5	
3932369	HOWMEDICA OSTEONICS CORP.	02/06/2021	3932369	21177440.1	
3932374	Mölnlycke Health Care AB	02/07/2020	3932374	20183679.8	
3932753	Autoliv Development AB	04/12/2019	3932753	19917053.1	
3933713	DeepMind Technologies Limited	16/04/2018	3933713	21193065.6	
3934093	Falcon Power LLC	13/04/2017	3934093	21175446.0	
3934731	NEMERA LA VERPILLIERE	04/03/2020	3934731	20708493.0	French
3935915	CommScope Technologies LLC	05/03/2020	3935915	20765671.1	
3936426	Brunswick Corporation	29/06/2021	3936426	21182371.1	
3936709	Ningbo Geely Automobile Research & Development Co. Ltd.	07/07/2020	3936709	20184550.0	
	Zhejiang Geely Holding Group Co., Ltd.				
3938014	Ypsomed AG	02/03/2020	3938014	20706749.7	German
3938722	Electrolux Do Brasil S.A.	09/03/2020	3938722	20711032.1	
3938915	INTEL Corporation	14/03/2020	3938915	20719251.9	
3938981	Buildots Ltd.	02/04/2020	3938981	20784934.0	
3939135	YU YEE ENGINEERING PTE LTD	29/09/2020	3939135	20872281.9	
3939499	Nihon Kohden Corporation	15/07/2021	3939499	21185823.8	
3940949	Viessmann Holding International GmbH	13/07/2021	3940949	21185344.5	German
3942540	3M Innovative Properties Company	16/03/2020	3942540	20779236.7	
3942699	Raytheon Company	07/01/2020	3942699	20703607.0	
3943624	NIPPON STEEL CORPORATION	19/03/2020	3943624	20776903.5	
3944003	Toray Industries, Inc.	16/04/2020	3944003	20809183.5	
3944831	Biosense Webster (Israel) Ltd.	30/03/2021	3944831	21165831.5	

3944948	Sumitomo Heavy Industries, Ltd.	16/07/2021	3944948	21185962.4	
3945007	Kässbohrer Geländefahrzeug AG	20/07/2021	3945007	21186565.4	German
3945731	Sivantos Pte. Ltd.	28/07/2020	3945731	20188238.8	German
3946071	LSI Solutions, Inc.	24/04/2020	3946071	20795303.5	
3946088	Gyrus ACMI, Inc. d/b/a Olympus Surgical Technologies America	25/03/2020	3946088	20720253.2	
3946104	OrthoPediatrics Corp.	02/04/2020	3946104	20783943.2	
3946737	Access Medical Systems, Ltd.	02/04/2020	3946737	20783112.4	
3947286	The Board of Regents of The Nevada System of Higher Education on behalf of the University of Nevada, Las Vegas	29/03/2019	3947286	19923183.8	
3947979	Tomorrow's Motion GmbH	03/04/2020	3947979	20715087.1	
3948024	NEW H POWERTRAIN HOLDING, S.L.U.	21/02/2020	3948024	20710055.3	French
3948328	BAE SYSTEMS plc	13/03/2020	3948328	20711307.7	
3948436	SAFRAN AIRCRAFT ENGINES	02/04/2020	3948436	20715077.2	French
3949065	Solidpower (Australia) Pty Ltd	03/04/2020	3949065	20784215.4	
3949182	Cryptography Research, Inc.	01/04/2020	3949182	20784701.3	
3949439	Bose Corporation	27/03/2020	3949439	20721911.4	
3949720	Maschinenfabrik Bernard Krone GmbH & Co. KG	21/07/2021	3949720	21186840.1	German
3949723	G Plant Agronomist, S.L.	03/04/2020	3949723	20784772.4	
3950038	Neuravi Limited	28/07/2021	3950038	21188135.4	
3950175	Mitsui Mining & Smelting Co., Ltd.	02/03/2020	3950175	20783002.7	
3950331	Futamura Kagaku Kabushiki Kaisha	18/03/2020	3950331	20776434.1	
3950544	Yangzhou Weldon Transmission Equipment Co., Ltd	15/08/2019	3950544	19920656.6	
3950740	LG CHEM, LTD.	28/09/2020	3950740	20872178.7	
3951090	SUMITOMO HEAVY INDUSTRIES, LTD.	27/03/2020	3951090	20783744.4	
3951293	LG Electronics Inc.	01/04/2020	3951293	20784238.6	
3951349	IHI Corporation	27/03/2020	3951349	20776666.8	
3951409	Toyo System Co., Ltd.	19/03/2021	3951409	21789494.8	
3951651	Beijing Xiaomi Mobile Software Co., Ltd.	29/04/2021	3951651	21171194.0	
3951730	Panasonic Intellectual Property Management Co., Ltd.	20/02/2020	3951730	20776860.7	
3951846	Hamamatsu Photonics K.K.	09/04/2020	3951846	20814768.6	
3951875	Sony Semiconductor Solutions Corporation	16/03/2020	3951875	20778672.4	
3951877	Sony Semiconductor Solutions Corporation	17/03/2020	3951877	20782690.0	
3952768	Medacta International SA	08/04/2020	3952768	20714841.2	
3952770	Safe Orthopaedics	09/04/2020	3952770	20717195.0	French
3952970	Hollister Incorporated	31/07/2020	3952970	20757183.7	
3953052	Jetronica Limited	09/04/2020	3953052	20719704.7	
3953231	Bombardier Transportation GmbH	09/04/2020	3953231	20719383.0	German
3953288	Skylotec GmbH	09/04/2020	3953288	20787171.6	
3953519	Jetronica Limited	09/04/2020	3953519	20719706.2	
3953719	Aclara Technologies LLC	08/04/2020	3953719	20787119.5	
3953782	The Toro Company	09/04/2020	3953782	20722900.6	
3953810	Microsoft Technology Licensing, LLC	06/04/2020	3953810	20722807.3	
3953899	Vilnius University	09/04/2020	3953899	20727368.1	
3953949	The Regents of the University of California	06/04/2020	3953949	20788528.6	
3954443	Sony Interactive Entertainment Inc.	26/03/2020	3954443	20787365.4	
3954593	Casco Signal Co., Ltd.	19/10/2020	3954593	20890730.3	
3954790	NIPPON STEEL CORPORATION	08/04/2020	3954790	20786721.9	
3954849	ABUS August Bremicker Söhne KG	10/08/2021	3954849	21190590.6	German
3955058	Futurus Technology Co., Ltd.	14/05/2020	3955058	20809843.4	
3955352	Technische Universität München	13/08/2020	3955352	20190900.9	
3955385	Antonics GmbH	09/08/2021	3955385	21190437.0	German
3955587	DAIKIN INDUSTRIES, LTD.	10/04/2020	3955587	20786848.0	

3955628	China Mobile Communication Co., Ltd Research Institute CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	17/04/2020	3955628	20795649.1	
3956009	Fresenius Medical Care AG Fresenius Medical Care Deutschland GmbH	17/04/2020	3956009	20720037.9	German
3956409	A.M. Ramp & Co. GmbH	24/10/2019	3956409	19790217.4	
3956872	Alert Systems ApS	08/04/2020	3956872	20718628.9	
3956901	Covera Health	15/04/2020	3956901	20724306.4	
3956972	Prodrive Technologies Innovation Services B.V.	10/04/2020	3956972	20716521.8	
3957120	Telefonaktiebolaget LM Ericsson (publ)	17/04/2019	3957120	19723226.7	
3957837	Cummins, Inc.	01/02/2017	3957837	21201242.1	
3957873	KYB Corporation MAZDA MOTOR CORPORATION Oiles Corporation	02/04/2020	3957873	20791819.4	
3957963	Minebea Mitsumi Inc.	03/04/2020	3957963	20790796.5	
3958090	Beijing Xiaomi Mobile Software Co., Ltd.	22/04/2021	3958090	21169901.2	
3958248	Sony Interactive Entertainment Inc.	26/03/2020	3958248	20790668.6	
3958765	Richard Wolf GmbH	08/04/2020	3958765	20732491.4	German
3958797	Warsaw Orthopedic, Inc.	24/04/2020	3958797	20794233.5	
3958854	Cothera Bioscience, Inc. University of Pittsburgh - of The Commonwealth System of Higher Education	22/04/2020	3958854	20794189.9	
3958951	Albert-Ludwigs-Universität Freiburg	26/03/2020	3958951	20714590.5	German
3959159	Laitram, L.L.C.	03/04/2020	3959159	20796002.2	
3959344	Smith College	27/04/2020	3959344	20727010.9	
3959674	Crown Equipment Corporation	23/04/2020	3959674	20725369.1	
3959684	Progenics Pharmaceuticals, Inc. Exini Diagnostics AB	23/04/2020	3959684	20725041.6	
3959708	Weihmann, Andreas	17/04/2020	3959708	20720791.1	German
3959782	Brady Worldwide, Inc.	08/04/2020	3959782	20796303.4	
3959799	American Axle & Manufacturing, Inc.	24/04/2020	3959799	20795936.2	
3960140	Zuiko Corporation	07/04/2020	3960140	20805033.6	
3961074	Kawasaki Jukogyo Kabushiki Kaisha	07/04/2020	3961074	20795780.4	
3961259	Mitsubishi Logisnext Co., Ltd.	03/08/2021	3961259	21189483.7	
3961554	CNBM (Hefei) Powder Technology Equipment Co., Ltd.	08/02/2021	3961554	21771646.3	
3961616	Roland Corporation	26/04/2019	3961616	19925961.5	
3961713	Samsung Display Co., Ltd.	02/08/2021	3961713	21188995.1	
3961905	Satake Corporation Mechano Transformer Corporation	22/01/2020	3961905	20794390.3	
3963259	Paprec Group	30/04/2019	3963259	19729338.4	French
3963578	Bose Corporation	30/04/2020	3963578	20727482.0	
3963637	MICRON TECHNOLOGY, INC.	03/04/2020	3963637	20803009.8	
3963646	CPS Technology Holdings LLC	29/04/2020	3963646	20730353.8	
3963701	Nevomo Poland Spolka z ograniczona odpowiedzialnoscia	30/04/2020	3963701	20723826.2	
3963908	Nocell Technologies, LLC	27/04/2020	3963908	20726617.2	
3963975	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	30/04/2020	3963975	20798817.1	
3964113	Hamberger Industrierwerke GmbH	26/08/2021	3964113	21193325.4	German
3964247	Safkan, Inc.	14/04/2017	3964247	21178350.1	
3964847	Siemens Aktiengesellschaft	07/09/2020	3964847	20194799.1	German
3964930	Goodrich Aerospace Services Pvt Ltd Rockwell Collins, Inc.	31/08/2021	3964930	21193915.2	
3964943	CANON KABUSHIKI KAISHA	09/07/2021	3964943	21184826.2	
3965350	Datang Mobile Communications Equipment Co., Ltd.	24/04/2020	3965350	20799490.6	
3966660	Samsung Electronics Co., Ltd.	08/09/2020	3966660	20873705.6	
3966769	nChain Licensing AG	05/05/2020	3966769	20726540.6	

3967198	Vorwerk & Co. Interholding GmbH	02/09/2021	3967198	21194506.8	German
3968123	Samsung Display Co., Ltd.	02/08/2021	3968123	21188993.6	
3970943	Gerresheimer Regensburg GmbH	21/09/2020	3970943	20197185.0	
3971322	Resonac Corporation	17/04/2020	3971322	20805168.0	
3971788	Commissariat à l'Energie Atomique et aux Energies Alternatives	20/09/2021	3971788	21197826.7	French
3972004	LG Energy Solution, Ltd.	03/07/2020	3972004	20837143.5	
3972604	Novartis AG	20/05/2020	3972604	20729204.6	
3973034	GE Intellectual Property Licensing, LLC	20/04/2020	3973034	20809356.7	
3973249	Office National d'Etudes et de Recherches Aérospatiales	10/04/2020	3973249	20716532.5	French
3973886	Daegu Gyeongbuk Institute Of Science and Technology Research Cooperation Foundation of Yeungnam University	14/04/2020	3973886	20809992.9	
3973898	Medos International Sarl	24/02/2017	3973898	21189838.2	
3974247	LG Energy Solution, Ltd.	15/10/2020	3974247	20881117.4	
3974495	Samsung Display Co., Ltd.	21/09/2021	3974495	21198134.5	
3974577	Seiko Epson Corporation	27/09/2021	3974577	21199079.1	
3974727	General Electric Technology GmbH	17/09/2021	3974727	21197551.1	
3974910	Zhuhai Pantum Electronics Co., Ltd.	27/09/2021	3974910	21199050.2	
3975387	Sanyo Denki Co., Ltd.	16/09/2021	3975387	21197137.9	
3975555	Dolby Laboratories Licensing Corporation	17/12/2018	3975555	21203422.7	
3975602	INTEL Corporation	24/08/2021	3975602	21192858.5	
3977832	Jetcool Technologies, Inc.	10/04/2020	3977832	20791872.3	
3978827	Mounting Systems GmbH	02/10/2020	3978827	20199811.9	German
3979249	Samsung Electronics Co., Ltd.	16/09/2021	3979249	21197253.4	
3979301	Hamamatsu Photonics K.K.	09/04/2020	3979301	20814577.1	
3979900	Cardiac Pacemakers, Inc.	08/06/2020	3979900	20750457.2	
3981339	Covidien LP	05/10/2021	3981339	21200913.8	
3982190	Appotronics Corporation Limited	28/06/2020	3982190	20835323.5	
3982355	Sony Interactive Entertainment Inc.	25/11/2016	3982355	21208486.7	
3984430	BSH Hausgeräte GmbH	16/09/2021	3984430	21197046.2	German
3984450	Samsung Electronics Co., Ltd.	29/09/2016	3984450	21212750.0	
3984556	Microvention, Inc.	13/06/2013	3984556	21206809.2	
3985193	Janssen, Bob	15/10/2020	3985193	20202162.2	
3986697	Additive Industries B.V.	12/06/2020	3986697	20743886.2	
3987556	Robert Bosch GmbH	17/06/2020	3987556	20733743.7	German
3988360	MAZDA MOTOR CORPORATION	22/09/2021	3988360	21198188.1	
3988743	C.Ed. Schulte Gesellschaft mit beschränkter Haftung Zylinderschlossfabrik	19/10/2021	3988743	21203487.0	German
3989325	Contemporary Ampere Technology (Hong Kong) Limited	31/07/2020	3989325	20849081.3	
3990028	Biorchestra Co., Ltd.	26/06/2020	3990028	20831649.7	
3990122	The Procter & Gamble Company	25/06/2020	3990122	20742626.3	
3990212	Hypertherm, Inc.	25/06/2020	3990212	20742997.8	
3990234	Ceva Technologies, Inc.	25/06/2020	3990234	20830725.6	
3991189	Ellenberger & Poensgen GmbH	16/04/2020	3991189	20719618.9	German
3992401	Picot	28/10/2021	3992401	21205199.9	French
3992561	G. Larsson Starch Technology AB	27/10/2020	3992561	20204151.3	
3992615	Can Technologies, Inc.	27/10/2021	3992615	21204921.7	
3992670	SHENZHEN GOODIX TECHNOLOGY CO., LTD.	07/09/2020	3992670	20924984.6	
3993338	GD Midea Air-Conditioning Equipment Co., Ltd. Midea Group Co., Ltd.	24/10/2019	3993338	19940019.3	
3993380	Ricoh Company, Ltd.	22/10/2021	3993380	21204314.5	
3994870	oxylabs, UAB	07/04/2021	3994870	21719719.3	
3995021	Mast Industries (Far East) Limited	16/09/2021	3995021	21197193.2	
3995036	Colgate-Palmolive Company	23/12/2014	3995036	21211898.8	
3995042	The Gillette Company LLC	06/11/2020	3995042	20206119.8	

3995537	artience Co., Ltd.	02/09/2021	3995537	21835927.1	
	Toyocolor Co., Ltd.				
3996298	ABB Schweiz AG	04/11/2021	3996298	21206383.8	German
3996628	Alcon Inc.	18/06/2020	3996628	20736783.0	
3997473	City, University of London	08/07/2020	3997473	20742380.7	
3997532	Siemens Aktiengesellschaft	02/09/2020	3997532	20771477.5	
3998091	Institute Of Genetics And Developmental Biology, Chinese Academy Of Sciences	21/04/2020	3998091	20902407.4	
3998406	Edwards Japan Limited	03/07/2020	3998406	20837814.1	
3998969	Ancora Heart, Inc.	15/07/2020	3998969	20841233.8	
4000127	Outdoor Wireless Networks LLC	02/08/2021	4000127	21854863.4	
4000156	VESTAS WIND SYSTEMS A/S	08/07/2020	4000156	20739566.6	
4000334	Lenovo (Beijing) Limited	19/07/2019	4000334	19938226.8	
4000482	Guangdong Midea Consumer Electric Manufacturing Co., Ltd.	10/08/2020	4000482	20858458.1	
4001151	Romeo, Mimmo	29/09/2021	4001151	21199760.6	German
	Jaiji, Ferdi				
	Rüegger, Robin Stephan				
4001745	Seat, S.A.	15/11/2021	4001745	21208295.2	
4002296	Accenture Global Solutions Limited	13/10/2021	4002296	21202415.2	
4002332	Signwaves Limited	11/11/2016	4002332	22150249.5	
4002341	BOE Technology Group Co., Ltd.	19/12/2019	4002341	19945396.0	
4002435	Samsung Electronics Co., Ltd.	28/05/2021	4002435	21176650.6	
4002965	Guangdong Giwee Technology Co., Ltd.	19/11/2021	4002965	21209298.5	
4003239	Axis Spine Technologies Ltd	24/07/2020	4003239	20765060.7	
4003293	Helperby Therapeutics Limited	28/07/2020	4003293	20751254.2	
4003833	Safran Landing Systems Canada Inc.	28/07/2020	4003833	20847660.6	
4004305	Wilhelm Layher Verwaltungs-GmbH	29/06/2020	4004305	20737112.1	German
4005077	Power Green Technologies Inc.	21/07/2020	4005077	20946140.9	
4005294	Safran Passenger Innovations, LLC	30/07/2020	4005294	20757453.4	
4005332	Samsung Electronics Co., Ltd.	26/08/2020	4005332	20857960.7	
4005497	FUJIFILM Corporation	06/07/2020	4005497	20846646.6	
4005954	Hitachi High-Tech Corporation	24/03/2020	4005954	20843376.3	
4006781	Accenture Global Solutions Limited	30/11/2020	4006781	20383037.7	
4007179	ZTE Corporation	27/07/2020	4007179	20847153.2	
4007262	Mediaedge Corporation	21/05/2020	4007262	20843981.0	
4007538	Cilag GmbH International	30/07/2021	4007538	21752207.7	
4007943	Rosemount Inc.	25/09/2019	4007943	19797842.2	
4007995	Samsung Electronics Co., Ltd.	28/09/2020	4007995	20873290.9	
4008548	Tetra Laval Holdings & Finance S.A.	26/11/2021	4008548	21210810.4	
4008696	Daikin Industries, Ltd.	30/07/2020	4008696	20850270.8	
4008876	Somfy Activites SA	01/12/2021	4008876	21211818.6	French
4009371	Commissariat à l'Energie Atomique et aux Energies Alternatives	03/12/2021	4009371	21212160.2	
4009414	LG ENERGY SOLUTION, LTD.	19/08/2020	4009414	20865692.6	
4009959	Evonik Operations GmbH	07/08/2020	4009959	20751154.4	
4009960	Evonik Operations GmbH	07/08/2020	4009960	20751156.9	
4010625	LightnTec GmbH	04/08/2020	4010625	20757230.6	German
4010671	BASF Coatings GmbH	01/08/2020	4010671	20756787.6	
4012370	Hitachi, Ltd.	07/08/2019	4012370	19915577.1	
4012384	Samsung Electronics Co., Ltd.	21/10/2021	4012384	21203948.1	
	Chung Ang University Industry Academic Cooperation Foundation				
4013378	Kimberly-Clark Worldwide, Inc.	15/08/2019	4013378	19941084.6	
4014914	Mazor Robotics Ltd.	13/12/2021	4014914	21213992.7	
4015914	BSH Hausgeräte GmbH	30/11/2021	4015914	21211454.0	
4016124	NXP B.V.	16/12/2020	4016124	20214530.6	
4016165	Hamamatsu Photonics K.K.	02/09/2020	4016165	20863619.1	
4017146	Samsung Electronics Co., Ltd.	18/11/2021	4017146	21208951.0	
4017650	Vernon S.A.	18/08/2020	4017650	20785590.9	
4017926	BASF Coatings GmbH	07/08/2020	4017926	20771200.1	
4019033	Xizang Haisco Pharmaceutical Co., Ltd.	24/08/2020	4019033	20855974.0	

4019073	Cook Medical Technologies LLC	10/11/2021	4019073	21207646.7	
4019150	Kawasaki Jukogyo Kabushiki Kaisha	20/08/2020	4019150	20855430.3	
4019215	Industrias Tecnológicas de Mecanización y Automatización, S.A.	23/12/2020	4019215	20383151.6	
4019457	Aegis-Tech S.r.l.	07/12/2021	4019457	21212859.9	
4019549	Orizuru Therapeutics, Inc.	19/08/2020	4019549	20853941.1	
4019830	NICHIA CORPORATION	14/12/2021	4019830	21214528.8	
4019946	Tata Consultancy Services Limited	27/12/2021	4019946	21217803.2	
4020431	GE Aviation Systems LLC	19/11/2021	4020431	21209347.0	
4020616	LG ENERGY SOLUTION, LTD.	30/07/2021	4020616	21858494.4	
4020861	LG Electronics Inc.	19/04/2021	4020861	21796493.1	
4022796	Telefonaktiebolaget LM Ericsson (publ)	30/08/2019	4022796	19943404.4	
4023894	Profil Verbindungstechnik GmbH & Co. KG	20/12/2021	4023894	21215812.5	German
4024259	Siemens Aktiengesellschaft	30/09/2019	4024259	19947704.3	
4024632	Schneider Electric USA Inc.	23/12/2021	4024632	21217604.4	
4025740	Cuirassier	06/09/2019	4025740	19794245.1	
4025902	Pacific Biosciences of California, Inc.	04/09/2020	4025902	20861263.0	
4026275	Sew-Eurodrive GmbH & Co. KG	06/08/2020	4026275	20758116.6	German
4026415	KUBOTA CORPORATION	28/08/2020	4026415	20861311.7	
4026857	Osaka Soda Co., Ltd.	09/07/2020	4026857	20860584.0	
4027795	Breville Pty Limited	11/09/2020	4027795	20864149.8	
4027907	Cilag GmbH International	15/09/2021	4027907	21773888.9	
4027923	Warsaw Orthopedic, Inc.	04/09/2020	4027923	20863241.4	
4028252	Solventum Intellectual Properties Company	08/09/2020	4028252	20771627.5	
4028311	Continental Autonomous Mobility US, LLC	08/10/2020	4028311	20800398.8	
4028713	Busch PROtective Germany GmbH & Co. KG	09/09/2020	4028713	20785611.3	
4029243	Hitomi Ltd	07/09/2020	4029243	20765035.9	
4029968	BAOSHAN IRON & STEEL CO., LTD.	25/09/2020	4029968	20869963.7	
4030318	BRIGHT DATA LTD.	20/03/2020	4030318	22158489.9	
4030323	Deutsche Telekom AG	18/01/2021	4030323	21152084.6	
4030661	Hytera Communications Corporation Limited	12/09/2019	4030661	19944833.3	
4030772	Tencent Technology (Shenzhen) Company Limited	30/03/2021	4030772	21817039.7	
4030787	Deutsche Telekom AG	18/01/2021	4030787	21152082.0	
4031313	Reishauer AG	04/09/2020	4031313	20764428.7	German
4032237	Lenovo (Singapore) Pte. Ltd.	18/09/2019	4032237	19773382.7	
4032784	MAGNA STEYR Fahrzeugtechnik GmbH & Co KG	19/01/2022	4032784	22152295.6	French
4033412	Samsung Electronics Co., Ltd.	13/01/2022	4033412	22151396.3	
4034008	Bard Access Systems, Inc.	28/09/2020	4034008	20869063.6	
4034052	RCM Enterprise L.L.C.	22/09/2020	4034052	20869041.2	
4034760	DEUTZ Aktiengesellschaft	17/09/2020	4034760	20781434.4	German
4035639	Daio Paper Corporation	17/09/2020	4035639	20869547.8	
4035711	Amgen Inc.	14/03/2017	4035711	22161656.8	
4036289	Twistperfect, S.L.	07/04/2017	4036289	22157841.2	
	Casumconi, S.L.				
4036317	Volvo Construction Equipment AB	18/01/2022	4036317	22151915.0	
4036383	Marelli Europe S.p.A.	16/12/2021	4036383	21215221.9	
4037405	Datang Mobile Communications Equipment Co., Ltd.	11/01/2019	4037405	22163619.4	
4037406	Beijing Xiaomi Mobile Software Co., Ltd.	24/09/2019	4037406	19946545.1	
4037839	GEA Mechanical Equipment GmbH	30/09/2020	4037839	20785946.3	German
4037884	SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	01/10/2020	4037884	20786615.3	
4038429	Corning Research & Development Corporation	28/09/2020	4038429	20790143.0	
4038575	Google LLC	27/04/2020	4038575	20876415.9	
4039282	The University of Tokyo	24/09/2020	4039282	20871241.4	

4039319	Magenta Medical Ltd.	06/04/2021	4039319	22163640.0	
4039464	Dai Nippon Printing Co., Ltd.	29/09/2020	4039464	20873025.9	
4039558	ALSTOM Holdings	07/02/2022	4039558	22155392.8	French
4040009	ZHEJIANG ZH INDUSTRY CO., Ltd	20/04/2021	4040009	21723097.8	
4040301	Phytium Technology Co., Ltd.	14/01/2022	4040301	22151504.2	
4040392	Shenzhen Goodix Technology Co., Ltd.	31/01/2022	4040392	22154191.5	
4040513	Samsung Electronics Co., Ltd.	18/11/2021	4040513	21209023.7	
4040755	Bull SAS	09/02/2021	4040755	21305173.3	French
4042011	Lone Gull Holdings, Ltd	06/10/2020	4042011	20875602.3	
4042767	QUALCOMM INCORPORATED	30/07/2020	4042767	20758022.6	
4042933	Biosense Webster (Israel) Ltd	10/08/2017	4042933	22162146.9	
4043263	VOLKSWAGEN AG	12/01/2022	4043263	22151074.6	German
4043307	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	21/01/2022	4043307	22152791.4	German
4043612	Fujikura Ltd.	06/10/2020	4043612	20874610.7	
4043749	Hengstler GmbH	01/04/2021	4043749	21166611.0	
4043804	Panasonic Intellectual Property Management Co., Ltd.	19/10/2021	4043804	21203572.9	
4043978	Autel Intelligent Technology Corp., Ltd.	02/11/2020	4043978	20885347.3	
4044112	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	04/09/2020	4044112	20883159.4	
4044148	KOITO MANUFACTURING CO., LTD.	05/10/2020	4044148	20873670.2	
4047597	IFLYTEK CO., LTD.	12/12/2019	4047597	19949233.1	
4047865	Telefonaktiebolaget LM Ericsson (publ)	18/04/2018	4047865	22168417.8	
4048010	Telefonaktiebolaget LM Ericsson (publ)	05/04/2019	4048010	22151859.0	
4049426	BAE SYSTEMS plc	22/10/2020	4049426	20796911.4	
4049577	Hygenia S.r.l.	18/02/2022	4049577	22157602.8	
4049591	FUJIFILM Corporation	03/02/2022	4049591	22154950.4	
4049864	BRIDGESTONE CORPORATION	19/10/2020	4049864	20878250.8	
4050579	Tyco Fire & Security GmbH	12/04/2021	4050579	21167827.1	
4050892	KOBELCO CONSTRUCTION MACHINERY CO., LTD.	08/10/2020	4050892	20903456.0	
4050938	T-Mobile USA, Inc.	28/01/2022	4050938	22154073.5	
4051860	Aquirian Technology Pty Ltd	29/10/2020	4051860	20881244.6	
4052122	Microsoft Technology Licensing, LLC	14/10/2020	4052122	20801076.9	
4052592	Altria Client Services LLC	22/02/2017	4052592	22163545.1	
4052907	Mimaki Engineering Co., Ltd.	28/12/2020	4052907	20912492.4	
4052977	KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH	05/03/2021	4052977	21160855.9	
4054431	Cilag GmbH International	26/10/2021	4054431	21805626.5	
4054766	Moviator Oy	28/10/2020	4054766	20884718.6	
4054917	Tochev, Ivan Neuhauser, Patrick	04/11/2020	4054917	20803766.3	German
4055303	VOLKSWAGEN AKTIENGESELLSCHAFT	03/11/2020	4055303	20800910.0	German
4055361	iLsa Diagnostics	06/11/2020	4055361	20816279.2	French
4055796	Capital One Services, LLC	28/10/2020	4055796	20808593.6	
4055826	Sharp Kabushiki Kaisha	30/12/2020	4055826	20911086.5	
4057058	Sony Semiconductor Solutions Corporation	26/10/2020	4057058	20885068.5	
4057090	YOKOGAWA ELECTRIC CORPORATION	22/02/2022	4057090	22157994.9	
4058184	Bachem AG	13/11/2020	4058184	20803598.0	
4058698	Edwards Limited	12/11/2020	4058698	20811055.1	
4059674	Shenzhen Soocas Technology Co., Ltd.	13/11/2020	4059674	20886994.1	
4060203	MAHLE International GmbH	16/03/2021	4060203	21000075.8	
4061375	MSD R&D (China) Co., Ltd. THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH Merck Sharp & Dohme LLC	16/11/2020	4061375	20891004.2	
4061660	EVM AG Klammer, Mario Robert	20/11/2020	4061660	20878025.4	German
4061813	F. Hoffmann-La Roche AG	20/11/2020	4061813	20807432.8	

4062087	ITT Manufacturing Enterprises, LLC	21/11/2019	4062087	19953061.9	
4062264	Starkey Laboratories, Inc.	27/10/2020	4062264	20808581.1	
4062453	Merck Patent GmbH	20/10/2020	4062453	20790019.2	
4062577	QUALCOMM INCORPORATED	18/11/2020	4062577	20816871.6	
4063022	Sugino Machine Limited	21/02/2022	4063022	22157734.9	
4063502	CJ CheilJedang Corporation	09/04/2021	4063502	21870514.3	
4064720	Sagemcom Broadband SAS	23/03/2022	4064720	22163865.3	French
4065315	Techtronic Cordless GP	29/11/2019	4065315	19954338.0	
4065327	HUSQVARNA AB	25/11/2020	4065327	20892295.5	
4065347	Photofusion Technologies Limited	22/10/2020	4065347	20893859.7	
4065893	Mamur Teknoloji Sistemleri San. A.S.	06/08/2019	4065893	19940198.5	
4066064	Landa Corporation Ltd.	10/11/2020	4066064	20894753.1	
4066202	Alipay (Hangzhou) Information Technology Co., Ltd.	09/10/2020	4066202	20956523.3	
4066310	HUSQVARNA AB	25/11/2020	4066310	20891716.1	
4066977	Audi AG	09/02/2022	4066977	22155860.4	German
4067605	Max Co., Ltd.	31/03/2022	4067605	22165732.3	
4067755	Mitsubishi Electric Corporation	30/03/2021	4067755	21166041.0	
4067974	Optinvent	28/03/2022	4067974	22164667.2	
4068048	OVH	30/08/2021	4068048	21306173.2	
4068508	Stassinopoulos, Michael	01/04/2021	4068508	21166574.0	
4069536	HUTCHINSON	01/12/2020	4069536	20812089.9	French
4069594	Sidel Participations	05/12/2019	4069594	19816312.3	
4070065	MTU Aero Engines AG	01/12/2020	4070065	20845674.9	German
4070224	Telefonaktiebolaget LM Ericsson (publ)	05/12/2019	4070224	19816310.7	
4070884	Johnson Matthey Public Limited Company	21/11/2013	4070884	22169864.0	
4071006	Taixiang Vehicle Replace Parts (Shenzhen) Co. Ltd.	17/03/2022	4071006	22162617.9	
4071276	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	09/04/2021	4071276	21020193.5	
4071456	WEBER-HYDRAULIK GMBH	04/04/2022	4071456	22166551.6	German
4071728	Accenture Global Solutions Limited	28/03/2022	4071728	22164625.0	
4071967	Furukawa Electric Co., Ltd.	26/11/2020	4071967	20896390.0	
4072704	Paqell B.V.	10/12/2020	4072704	20824214.9	
4074643	OTIS Elevator Company	22/11/2021	4074643	21209714.1	
4074953	mitsubishi heavy industries engine & turbocharger, ltd.	25/06/2020	4074953	20919511.4	
4075236	Huawei Technologies Co. Ltd.	30/12/2020	4075236	20913495.6	
4075276	Accenture Global Solutions Limited	14/04/2022	4075276	22168401.2	
4075379	Siemens Healthineers AG	12/04/2021	4075379	21167928.7	
4076446	The United States of America, as represented by The Secretary, Department of Health and Human Services	17/12/2020	4076446	20842420.0	
4076574	Fresenius Medical Care Deutschland GmbH	15/12/2020	4076574	20838919.7	German
4076593	Integrimedical LLC	17/12/2020	4076593	20903543.5	
4076940	Sika Technology AG	09/12/2020	4076940	20820413.1	
4076967	Hewlett-Packard Development Company, L.P.	06/04/2020	4076967	20930209.0	
4077053	Harman International Industries, Incorporated	19/12/2019	4077053	19956359.4	
4077062	Mercedes-Benz Group AG	09/12/2020	4077062	20830092.1	German
4077989	HELLA GmbH & Co. KGaA	30/11/2020	4077989	20823743.8	German
4078558	THALES	10/12/2020	4078558	20820440.4	French
4078857	LATELEC	18/12/2020	4078857	20824291.7	French
4079208	Fort Plastic & Metalwork (jiaxing) Co., Ltd	22/10/2020	4079208	20908072.0	
4079227	Siemens Healthineers AG	23/04/2021	4079227	21170167.7	
4079393	Donaldson Company, Inc.	20/04/2021	4079393	21169534.1	
4079624	POSCO	04/12/2020	4079624	20901956.1	
4079653	Tetra Laval Holdings & Finance S.A.	12/04/2022	4079653	22167758.6	
4079664	Mettler-Toledo, LLC	06/04/2022	4079664	22166880.9	

4079956	Electrolux Professional Laundry Systems France	23/04/2021	4079956	21315071.7	
4080010	Büdenbender, Arnd	19/04/2021	4080010	21169211.6	German
4080274	Vivo Mobile Communication Co., Ltd.	18/12/2020	4080274	20901500.7	
4080317	Shenzhen Guli Technology Co., Ltd.	13/04/2022	4080317	22168168.7	
4080450	ABB Schweiz AG	20/04/2021	4080450	21169360.1	
4080451	Tata Consultancy Services Limited	19/10/2021	4080451	21203485.4	
4080999	SCHOTT AG	21/04/2021	4080999	21169730.5	German
4082235	ZTE Corporation	09/04/2020	4082235	20891023.2	
4082314	CNH Industrial Italia S.p.A.	29/04/2022	4082314	22170828.2	
4082333	Group Elastoteck	22/04/2022	4082333	22169525.7	French
4082556	Nantong University	05/01/2021	4082556	21845721.6	
4082842	Ningbo Geely Automobile Research & Development Co. Ltd.	29/04/2021	4082842	21171211.2	
	Zhejiang Geely Holding Group Co., Ltd.				
4082845	NABTESCO CORPORATION	11/04/2022	4082845	22167591.1	
4083445	ABB Schweiz AG	30/04/2021	4083445	21171649.3	
4083540	Nio Technology (Anhui) Co., Ltd	28/04/2022	4083540	22170531.2	
4083640	California Institute of Technology	30/09/2016	4083640	22174557.3	
4083667	TOPPAN INC.	24/12/2020	4083667	20906993.9	
4083727	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	26/04/2022	4083727	22169994.5	German
4083967	Airbus Operations Limited	29/04/2022	4083967	22170803.5	
	Airbus SAS				
4084032	Hitachi Energy Ltd	28/04/2021	4084032	21170940.7	
4084529	Schneider Electric Industries SAS	27/04/2021	4084529	21305539.5	
4085817	Karl Storz Endovision, Inc.	22/04/2022	4085817	22169465.6	
4086183	GHD Georg Hartmann	28/03/2022	4086183	22164697.9	German
	Maschinenbaugesellschaft mit beschränkter Haftung				
4086479	Jatco Ltd	07/12/2020	4086479	20908453.2	
4086896	Shenzhen TCL Digital Technology Ltd.	26/08/2020	4086896	20909998.5	
4087095	Magna PT B.V. & Co. KG	28/04/2022	4087095	22170521.3	German
4087163	LG Electronics Inc.	26/04/2018	4087163	22182449.3	
4087509	Cilag GmbH International	29/12/2021	4087509	21841024.9	
4087519	CNTRL+ INC.	13/01/2021	4087519	21741782.3	
4088687	Medtronic, Inc.	25/02/2022	4088687	22158962.5	
4089225	Qingdao Haier Drum Washing Machine Co., Ltd.	22/12/2020	4089225	20912105.2	
	HAIER SMART HOME CO., LTD.				
4089982	Huawei Technologies Co. Ltd.	26/09/2014	4089982	22163803.4	
4090278	Microline Surgical, Inc.	23/11/2020	4090278	20828405.9	
4090279	Cilag GmbH International	29/12/2021	4090279	21841022.3	
4090670	Protagonist Therapeutics, Inc.	14/01/2021	4090670	21741383.0	
	Janssen Biotech, Inc.				
4090907	Fokker Aerostructures B.V.	14/01/2021	4090907	21700733.5	
4091557	Stryker Corporation	25/04/2017	4091557	22179701.2	
4091921	Magna Car Top Systems GmbH	28/04/2022	4091921	22170526.2	German
4091937	Lockheed Martin Corporation	20/04/2022	4091937	22168967.2	
4092047	Jenkem Technology Co. Ltd. (Tianjin)	05/01/2021	4092047	21740887.1	
4092567	SHENZHEN GOODIX TECHNOLOGY CO., LTD.	09/04/2021	4092567	21916669.1	
4093062	DENSO CORPORATION	14/04/2017	4093062	22181873.5	
4094142	Peratech IP Ltd	19/01/2021	4094142	21701565.0	
4094571	Pilzland Produktions GmbH	28/04/2022	4094571	22170515.5	German
4094855	Sendzimir Japan, Ltd.	21/01/2021	4094855	21744250.8	
4097352	C1 Connections Holding B.V.	29/01/2021	4097352	21703781.1	
4097516	3M Innovative Properties Company	27/01/2021	4097516	21703062.6	
4097614	C2A-SEC, Ltd.	27/01/2021	4097614	21705627.4	
4097732	CORANET SOLUTIONS, INC.	29/01/2021	4097732	21747798.3	
	Alisuag, Cora				
4097878	Telefonaktiebolaget LM Ericsson (publ)	30/01/2020	4097878	20705522.9	

4097954	Splunk Inc.	29/01/2021	4097954	21707571.2	
4098227	Edwards Lifesciences Corporation	22/07/2011	4098227	22186634.6	
4098829	Sommer Fassadensysteme-Stahlbau-Sicherheitstechnik GmbH & Co. KG	16/02/2022	4098829	22156908.0	German
4099089	Beijing Xiaomi Mobile Software Co., Ltd.	29/12/2021	4099089	21218066.5	
4099462	SUMITOMO CHEMICAL COMPANY, LIMITED	27/01/2021	4099462	21747828.8	
4099794	IPCom GmbH & Co. KG	18/11/2016	4099794	22179813.5	
4099986	SIFI S.p.A.	05/02/2021	4099986	21711634.2	
4100367	BASF SE	28/01/2021	4100367	21702444.7	
4100842	Huddly Inc.	13/07/2021	4100842	21839305.6	
4100945	Bose Corporation	26/01/2021	4100945	21705402.2	
4101397	Qatna Medical GmbH	09/01/2020	4101397	22187317.7	German
4101588	EBARA CORPORATION	07/01/2021	4101588	21750510.6	
4102285	Leica Microsystems CMS GmbH	11/06/2021	4102285	21179092.8	
4102490	Tovis Co. Ltd.	11/01/2021	4102490	21749981.3	
4102756	Datang Mobile Communications Equipment Co., Ltd.	20/01/2021	4102756	21750946.2	
4102846	Spotify AB	22/04/2022	4102846	22169379.9	
4103086	Cilag GmbH International	29/12/2021	4103086	21841021.5	
4103110	Axis Spine Technologies Ltd	21/01/2021	4103110	21706657.0	
4103251	Ypsomed AG	08/02/2021	4103251	21704737.2	German
4103267	Neuros Medical, Inc.	11/02/2021	4103267	21753058.3	
4103506	KHS GmbH	28/01/2021	4103506	21702449.6	German
4103819	SAFRAN AIRCRAFT ENGINES	09/02/2021	4103819	21709069.5	French
4103836	Siemens Gamesa Renewable Energy A/S	03/03/2021	4103836	21711780.3	
4103933	Saint-Gobain Sekurit France	09/02/2021	4103933	21703468.5	French
4103968	Volkswagen AG	10/02/2021	4103968	21705460.0	German
4104259	ITT Manufacturing Enterprises LLC	10/02/2020	4104259	20918467.0	
4105071	Yanfeng Adient Seating Co. Ltd.	14/01/2021	4105071	21752987.4	
4105461	KAWASAKI JUKOGYO KABUSHIKI KAISHA	12/02/2021	4105461	21753566.5	
4105539	Fiessler Elektronik GmbH & Co. KG	15/06/2021	4105539	21179535.6	German
4105574	Carrier Corporation	17/06/2022	4105574	22179601.4	
4105923	Cho, Myung Sub	09/07/2021	4105923	21841854.9	
4106057	Contemporary Amperex Technology (Hong Kong) Limited	04/02/2021	4106057	21923587.6	
4106120	Schneider Electric Industries SAS	13/06/2022	4106120	22178558.7	French
4106122	Schneider Electric Industries SAS	13/06/2022	4106122	22178628.8	French
4106469	LG Electronics Inc.	12/04/2021	4106469	21784874.6	
4107535	LEONI Bordnetz-Systeme GmbH	18/12/2020	4107535	20830201.8	German
4108105	Philip Morris Products S.A.	05/06/2020	4108105	22190973.2	
4108348	CSV Life Science Group S.r.l.	22/06/2022	4108348	22180402.4	
4108430	Hübner GmbH & Co. KG	24/06/2021	4108430	21181453.8	German
4108613	LG Energy Solution, Ltd.	06/07/2021	4108613	21841743.4	
4108793	JFE Steel Corporation	19/11/2020	4108793	20919890.2	
4108930	Pfeiffer Vacuum Technology AG	31/08/2022	4108930	22193059.7	German
4109723	Yamaha Hatsudoki Kabushiki Kaisha	21/11/2013	4109723	22165961.8	
4110368	Hepyx Limited	26/02/2021	4110368	21708736.0	
4111025	Samet Kalip Ve Madeni Esya San. Ve Tic. A.S.	25/02/2020	4111025	20922368.4	
4111056	LiftWerx Solutions Inc.	22/02/2021	4111056	21759009.0	
4111060	Illinois Tool Works Inc.	26/02/2021	4111060	21714039.1	
4113150	Siemens Healthineers AG	29/06/2021	4113150	21182276.2	German
4113924	Innovative Technology Lab Co., Ltd.	23/09/2016	4113924	22191646.3	
4114237	Jamali, Ghorban	26/02/2021	4114237	21708978.8	
4114257	Romano, Salvatore	04/03/2021	4114257	21715963.1	
4114780	Liebherr-Werk Biberach GmbH	01/04/2021	4114780	21717777.3	German
4115052	SAFRAN AIRCRAFT ENGINES	01/03/2021	4115052	21713729.8	French
4116165	ALSTOM Holdings	05/07/2022	4116165	22182934.4	French
4116442	BENECKE - CHANGSHUN AUTO TRIM (ZHANGJIAGANG) CO., LTD.	28/06/2022	4116442	22181421.3	

4116699	LG Energy Solution, Ltd.	15/03/2022	4116699	22775967.7	
4116768	Canon Kabushiki Kaisha	29/06/2022	4116768	22181797.6	
4117543	Cilag GmbH International	23/02/2022	4117543	22707870.6	
4117561	Biocompatibles UK Limited	12/03/2021	4117561	21715754.4	
4117682	Singular Genomics Systems, Inc.	23/04/2021	4117682	21793126.0	
4119879	The Boeing Company	26/04/2022	4119879	22170091.7	
4119934	FEI Company	06/07/2022	4119934	22183398.1	
4120008	Marquardt GmbH	19/04/2022	4120008	22168816.1	German
4120422	LG Energy Solution, Ltd.	22/11/2021	4120422	21898519.0	
4120757	LG Electronics, Inc.	12/04/2021	4120757	21785371.2	
4121708	VALEO SYSTEMES THERMIQUES	18/03/2021	4121708	21711925.4	French
4121730	ICAM Ouest	04/03/2021	4121730	21714650.5	French
	NANTES UNIVERSITÉ				
4122429	Warsaw Orthopedic, Inc.	20/06/2022	4122429	22179845.7	
4122730	Inalfa Roof Systems Group B.V.	20/07/2021	4122730	21186741.1	
4122926	Shionogi & Co., Ltd.	17/02/2022	4122926	22733282.2	
	National University Corporation Hokkaido University				
4123124	MTU Aero Engines AG	21/07/2021	4123124	21187063.9	
4123205	Kaiser GmbH & Co. KG	13/07/2022	4123205	22184755.1	German
4123274	TE Connectivity Sensors France	19/07/2021	4123274	21306013.0	
4124011	Vivo Mobile Communication Co., Ltd.	13/04/2021	4124011	21788549.0	
4124269	BSH Hausgeräte GmbH	19/07/2022	4124269	22185804.6	German
4124559	Candela Technology AB	20/07/2022	4124559	22185887.1	
4124981	Hitachi, Ltd.	27/06/2022	4124981	22181372.8	
4125497	KESSEBÖHMER HOLDING KG	25/02/2021	4125497	21711747.2	German
4126215	Siemens Healthineers International AG	29/03/2021	4126215	21716150.4	
4126217	Brainwaves	01/04/2021	4126217	21722276.9	French
4126811	BASF SE	24/03/2021	4126811	21713416.2	
4127185	Lonza Ltd.	01/04/2021	4127185	21715294.1	
4127802	CommScope Technologies LLC	02/04/2021	4127802	21781363.3	
4127821	META PLATFORMS TECHNOLOGIES, LLC	25/02/2021	4127821	21713504.5	
4128224	Universiteit Gent	01/04/2021	4128224	21713872.6	
4129753	Beijing Jingdong Qianshi Technology Co., Ltd.	15/04/2021	4129753	21865530.6	
4129798	Murata Machinery, Ltd.	01/03/2021	4129798	21780436.8	
4129864	Shoalter Automation Limited	01/11/2021	4129864	21208484.2	
4130130	NOK Corporation	03/03/2021	4130130	21782313.7	
4130177	Daikin Industries, Ltd.	24/08/2021	4130177	21861540.9	
4130649	LG Electronics Inc.	01/04/2021	4130649	21780268.5	
4130887	Canon Kabushiki Kaisha	20/07/2022	4130887	22185952.3	
4131670	Itchner, Roland	05/08/2021	4131670	21189826.7	
4131762	China Railway Electrification Bureau (Group) Co., Ltd.	15/07/2020	4131762	20928166.6	
	China Railway Electrical Industry Co., Ltd.				
	Tsinghua University				
4131836	QUALCOMM Incorporated	08/01/2018	4131836	22196936.3	
4131897	Vivo Mobile Communication Co., Ltd.	04/02/2021	4131897	21776839.9	
4132752	Milwaukee Electric Tool Corporation	09/04/2021	4132752	21784837.3	
4132865	Liqui-Box Corporation	07/04/2021	4132865	21722645.5	
4133142	Flooring Technologies Ltd.	08/04/2021	4133142	21717851.6	German
4133267	Opus Inspection, Inc.	17/02/2021	4133267	21706547.3	German
4133294	Hitachi Energy Ltd	08/04/2021	4133294	21717443.2	
4133325	InterDigital CE Patent Holdings, SAS	01/04/2021	4133325	21716190.0	
4133352	ACCORD PACIFIC EUROPE SA	09/04/2020	4133352	20727367.3	
4133354	AC Biode S.a r.l.	07/04/2020	4133354	20718620.6	
4133791	Sharp Kabushiki Kaisha	12/04/2021	4133791	21784227.7	
4134171	ABB SCHWEIZ AG	07/04/2020	4134171	20930452.6	
4134537	Yamaha Hatsudoki Kabushiki Kaisha	06/04/2021	4134537	21785657.4	
4134627	NISSAN MOTOR CO., LTD.	08/04/2020	4134627	20930349.4	
	Renault s.a.s				

4134852	Nippon Telegraph And Telephone Corporation	10/04/2020	4134852	20930305.6	
4135527	Technion Research & Development Foundation Ltd.	12/04/2021	4135527	21789594.5	
4135591	Bard Access Systems, Inc.	20/04/2021	4135591	21723619.9	
4135648	Unilever Global IP Limited	01/04/2021	4135648	21715658.7	
4136325	SAFRAN	12/04/2021	4136325	21726151.0	French
4136326	SAFRAN AIRCRAFT ENGINES	12/04/2021	4136326	21726438.1	French
4136340	VESTAS WIND SYSTEMS A/S	16/04/2021	4136340	21722379.1	
4136499	ESSILOR INTERNATIONAL	12/04/2021	4136499	21718117.1	
4136540	Google LLC	12/04/2021	4136540	21723513.4	
4136563	Warby Parker Inc.	09/04/2021	4136563	21788292.7	
4137173	Regen Lab SA	21/08/2007	4137173	22200374.1	
4137238	LG Energy Solution, Ltd.	16/07/2021	4137238	21843308.4	
4137365	Kinetix AG	05/08/2022	4137365	22189019.7	German
4137522	AGC INC.	09/04/2021	4137522	21787794.3	
4137592	NIPPON STEEL CORPORATION	15/04/2021	4137592	21787969.1	
4137594	JFE Steel Corporation	12/04/2021	4137594	21787956.8	
4137780	Hexagon Technology Center GmbH	16/08/2021	4137780	21191487.4	
4137894	The Swatch Group Research and Development Ltd	18/08/2021	4137894	21191936.0	French
4137908	Arborea Intellbird S.L.	13/04/2021	4137908	21787885.9	
4138107	Zhejiang Chint Electrics Co., Ltd.	25/12/2020	4138107	20931092.9	
4138181	BYD Company Limited	16/04/2021	4138181	21809869.7	
4138571	Re-Nut AG	27/04/2021	4138571	21721514.4	
4138622	Kimberly-Clark Worldwide, Inc.	21/04/2020	4138622	20931719.7	
4139010	Karsten Manufacturing Corporation	21/04/2021	4139010	21793683.0	
4139067	Westinghouse Electric Company Llc	20/04/2021	4139067	21724469.8	
4139126	Airbus Defence and Space SAS	23/04/2021	4139126	21731221.4	French
4139238	KONE Corporation	24/04/2020	4139238	20932556.2	
4139624	Westinghouse Electric Company Llc	19/04/2021	4139624	21729976.7	
4139646	SAFRAN AIRCRAFT ENGINES	13/04/2021	4139646	21725563.7	French
4139737	ESSILOR INTERNATIONAL	20/04/2021	4139737	21719915.7	
4140340	Shenzhen First Union Technology Co., Ltd.	22/04/2021	4140340	21792968.6	
4140524	Shanghai Sonmol Internet Technology Co., Ltd.	09/09/2021	4140524	21195865.7	
4140734	Kuraray Co., Ltd.	08/04/2021	4140734	21792795.3	
4140871	ZF Friedrichshafen AG	25/08/2022	4140871	22192074.7	German
4141011	Idemitsu Kosan Co., Ltd.	20/04/2021	4141011	21793568.3	
4141262	Sunonwealth Electric Machine Industry Co., Ltd.	22/06/2022	4141262	22180287.9	
4141402	Airbus Operations GmbH	23/08/2021	4141402	21192649.8	
4141436	SHIMADZU CORPORATION	26/04/2022	4141436	22169880.6	
4141470	Rosemount Tank Radar AB	24/08/2021	4141470	21192737.1	
4141895	KOA Corporation	05/04/2021	4141895	21792601.3	
4142339	Sharp Kabushiki Kaisha	02/04/2021	4142339	21792905.8	
4142827	OSAA Innovation ApS	29/04/2021	4142827	21725026.5	
4143107	AUTOSTORE TECHNOLOGY AS	28/04/2021	4143107	21723663.7	
4143265	PPG Industries Ohio, Inc.	30/04/2021	4143265	21726791.3	
4143374	Shaw Industries Group, Inc.	27/04/2021	4143374	21796435.2	
4143521	VECTED GMBH	11/01/2022	4143521	22700383.7	German
4143584	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO	26/04/2021	4143584	21722584.6	
4143585	IPTE Factory Automation N.V.	20/04/2021	4143585	21722997.0	
4143651	CARIAD SE	28/04/2021	4143651	21722197.7	German
4143656	Knapco LLC	12/04/2021	4143656	21722346.0	
4143779	Bayer Aktiengesellschaft	29/11/2021	4143779	21820574.8	German
4143797	SodaX Pty Ltd	27/04/2021	4143797	21797354.4	
4143997	Elisa Oyj	21/04/2021	4143997	21723313.9	
4144257	CTK Co., Ltd.	26/04/2022	4144257	22753038.3	
4144513	Continental Reifen Deutschland GmbH	03/09/2021	4144513	21194746.0	German

4144982	NEW H POWERTRAIN HOLDING, S.L.U.	01/09/2022	4144982	22193365.8	French
4145127	Westnetz GmbH	04/07/2022	4145127	22182732.2	German
4145868	ZTE Corporation	28/04/2021	4145868	21796811.4	
4146128	Hollister Incorporated	28/04/2021	4146128	21727639.3	
4146559	Masterpack S.p.A.	30/04/2021	4146559	21734202.1	
4146905	Downhole Rental Tools, LLC	11/05/2021	4146905	21803842.0	
4146915	Kraftanlagen Energies & Services SE	29/04/2021	4146915	21725419.2	German
4147776	Guangdong Brunp Recycling Technology Co., Ltd Hunan Brunp Recycling Technology Co., Ltd. Hunan Brunp EV Recycling Co., Ltd.	21/04/2021	4147776	21799463.1	
4147879	BIC Violex Single Member S.A.	10/09/2021	4147879	21196016.6	
4148094	MITSUBISHI PENCIL COMPANY, LIMITED	26/04/2021	4148094	21800773.0	
4148332	MITSUBISHI ELECTRIC CORPORATION	07/05/2020	4148332	20934322.7	
4148404	Casio Computer Co., Ltd.	02/09/2022	4148404	22193675.0	
4149124	Yamaha Corporation	13/09/2022	4149124	22195329.2	
4149333	Gamma Chef d.o.o.	10/05/2021	4149333	21726577.6	
4149336	Hilti Aktiengesellschaft	29/04/2021	4149336	21721926.0	German
4149629	Rhizen Pharmaceuticals AG	11/05/2021	4149629	21726459.7	
4149651	UFI Filters S.p.A.	06/05/2021	4149651	21723419.4	
4150006	Covestro Deutschland AG	07/05/2021	4150006	21725095.0	German
4151394	Mespack, S.L.	21/09/2021	4151394	21382850.2	
4151478	ADVICS CO., LTD. TOYOTA JIDOSHA KABUSHIKI KAISHA	04/08/2022	4151478	22188700.3	
4151554	Hilti Aktiengesellschaft	21/09/2021	4151554	21197872.1	German
4152008	Boditech Med Inc.	11/08/2022	4152008	22189855.4	
4152813	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	27/07/2020	4152813	20947200.0	
4153053	The Feinstein Institutes for Medical Research	20/05/2021	4153053	21809584.2	
4153934	Setcan Corporation	05/03/2021	4153934	21808056.2	
4154287	Siemens Aktiengesellschaft	09/06/2021	4154287	21735174.1	German
4155165	CASCO SIGNAL LTD.	23/09/2021	4155165	21893565.8	
4155589	ABB SCHWEIZ AG	24/09/2021	4155589	21306325.8	
4155852	Audi AG	22/08/2022	4155852	22191445.0	German
4155952	Samsung Electronics Co., Ltd.	05/04/2022	4155952	22166658.9	
4156188	Samsung Electronics Co., Ltd.	27/09/2022	4156188	22198009.7	
4156855	LG Electronics, Inc.	06/04/2021	4156855	21808281.6	
4157374	Ethicon, Inc	25/05/2021	4157374	21728650.9	
4158284	Endress+Hauser Flowtec AG	23/04/2021	4158284	21722167.0	German
4158290	Endress+Hauser SE+Co. KG	23/04/2021	4158290	21722164.7	German
4159165	Kyocera Corporation	29/05/2020	4159165	20937754.8	
4159550	Toyoda Gosei Co., Ltd.	26/09/2022	4159550	22197783.8	
4159650	Fameccanica.Data S.p.A.	29/09/2021	4159650	21199932.1	
4160320	Patek Philippe SA Genève	04/10/2021	4160320	21200712.4	French
4160352	Beijing Xiaomi Mobile Software Co., Ltd.	26/01/2022	4160352	22153445.6	
4160581	Shenzhen Leyard Opto-Electronic Co., Ltd.	19/09/2022	4160581	22196407.5	
4162154	DONALDSON COMPANY, INC.	04/06/2021	4162154	21735825.8	
4162992	Sony Interactive Entertainment Inc.	28/09/2022	4162992	22198366.1	
4163153	ZKW Group GmbH	07/10/2021	4163153	21201421.1	
4163180	ULTIMATE Europe Transportation Equipment GmbH Teufl, Manfred	05/10/2021	4163180	21200897.3	German
4163599	thyssenkrupp Presta Aktiengesellschaft thyssenkrupp AG	28/04/2022	4163599	22170441.4	German
4163724	Ricoh Company, Ltd.	08/07/2022	4163724	22183841.0	
4164185	NXP B.V.	22/09/2022	4164185	22197154.2	

4164509	Cilag GmbH International	06/05/2022	4164509	22724896.0	
4165296	VESTAS WIND SYSTEMS A/S	09/06/2021	4165296	21733372.3	
4165323	EXCESS ENGINEERING AS	16/06/2020	4165323	20941336.8	
4165781	Google LLC	30/08/2021	4165781	21783089.2	
4166350	Sumitomo Rubber Industries, Ltd.	18/02/2021	4166350	21828628.4	
4166351	Sumitomo Rubber Industries, Ltd.	18/02/2021	4166351	21829333.0	
4166399	Nio Technology (Anhui) Co., Ltd	12/10/2022	4166399	22201092.8	
4166903	InvenSense, Inc.	14/05/2015	4166903	22212811.8	
4167067	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	07/07/2021	4167067	21846566.4	
4167696	TE Connectivity India Pvt Ltd	13/10/2021	4167696	21202418.6	
	TE Connectivity Germany GmbH				
4167863	Siemens Medical Solutions USA, Inc.	17/06/2021	4167863	21739894.0	
4168277	Autoliv ASP, Inc.	20/04/2021	4168277	21729066.7	
4169637	WAFIOS Aktiengesellschaft	06/10/2022	4169637	22200048.1	German
4169849	TOPPAN INC.	17/06/2021	4169849	21825154.4	
4170311	Bauer Resources GmbH	22/10/2021	4170311	21204158.6	German
4170316	Etablissements MAGYAR	20/10/2022	4170316	22202683.3	French
4170986	InterDigital Patent Holdings, Inc.	25/09/2013	4170986	22214664.9	
4171643	Sapreme Technologies B.V.	23/06/2021	4171643	21734544.6	
4172142	Ena Respiratory Pty Ltd	25/06/2021	4172142	21830025.9	
4172639	Analog Devices International Unlimited Company	24/06/2021	4172639	21752733.2	
4173460	Jiuhua Huayuan Pharmaceutical Co., Ltd.	20/04/2022	4173460	22803156.3	
4174392	Zehnder Caladair International	26/10/2022	4174392	22203726.9	French
4175188	Honor Device Co., Ltd.	06/12/2021	4175188	21909126.1	
4176431	Google LLC	27/10/2020	4176431	20808583.7	
4176602	Envision Digital International Pte. Ltd.	29/06/2021	4176602	21830911.0	
	Shanghai Envision Digital Co., Ltd.				
4177133	JTEKT CORPORATION	24/10/2022	4177133	22203278.1	
	TOYOTA JIDOSHA KABUSHIKI				
	KAISHA				
	DENSO CORPORATION				
4177170	The Boeing Company	10/10/2022	4177170	22200688.4	
4177683	VEGA Grieshaber KG	04/11/2021	4177683	21206573.4	German
4178641	Gambro Lundia AB	06/07/2021	4178641	21739681.1	
4178808	Giesecke+Devrient Currency Technology GmbH	02/07/2021	4178808	21737566.6	German
4179024	Perstorp AB	02/07/2021	4179024	21837015.3	
4179391	Patek Philippe SA Genève	07/07/2021	4179391	21737500.5	French
4179479	Siemens Aktiengesellschaft	14/08/2020	4179479	20949180.2	
4179741	Telefonaktiebolaget LM Ericsson (publ)	09/07/2020	4179741	20743085.1	
4179793	Lenovo (Beijing) Limited	10/07/2020	4179793	20943964.5	
4179917	Cressi-Sub S.p.A.	24/10/2022	4179917	22203234.4	
4180244	Sumitomo Rubber Industries, Ltd.	09/11/2022	4180244	22206274.7	
4180658	Huaneng Clean Energy Research Institute	10/06/2022	4180658	22851004.6	
4181129	Samsung Electronics Co., Ltd.	14/07/2022	4181129	22184960.7	
4181874	Pfizer Inc.	12/07/2021	4181874	21745844.7	
4182016	Lucibel SA	17/07/2021	4182016	21755526.7	French
	Lapidus, Olivier				
4182200	Faiveley Transport Italia S.p.A.	14/07/2021	4182200	21754831.2	
4182251	Gilbos NV	14/07/2021	4182251	21749884.9	
4182254	INVENTIO AG	17/06/2021	4182254	21734109.8	German
4182311	Exonate Limited	14/07/2021	4182311	21748927.7	
4183285	ABUS August Bremicker Söhne KG	08/11/2022	4183285	22206139.2	German
4183563	Continental Reifen Deutschland GmbH	25/10/2022	4183563	22203504.0	German
4183841	Wolman Wood and Fire Protection GmbH	17/11/2021	4183841	21208770.4	German
4184110	S. A. Armstrong Limited	04/10/2019	4184110	22215442.9	
4184667	LG Energy Solution, Ltd.	07/01/2022	4184667	22736903.0	
4184730	IQE plc	12/10/2022	4184730	22201132.2	
4185676	Chevron Japan Ltd.	20/07/2021	4185676	21749704.9	
	Chevron Oronite Company LLC				

4186350	Maschinenfabrik Bernard Krone GmbH & Co. KG	25/11/2022	4186350	22209614.1	German
4186757	Meishan CRRC Brake Science&Technologyco., Ltd	28/07/2020	4186757	20946610.1	
4186798	Airbus SAS	22/11/2022	4186798	22208740.5	
4187088	Industry-Academic Cooperation Foundation, Yonsei University	27/12/2021	4187088	21217864.4	
4187195	SICK AG	20/10/2022	4187195	22202743.5	German
4187227	SCANGRADING ApS	12/10/2022	4187227	22201020.9	
4187307	Samsung Electronics Co., Ltd.	22/11/2022	4187307	22208927.8	
4187365	Canon Kabushiki Kaisha	11/11/2022	4187365	22206864.5	
4187702	LG Energy Solution, Ltd.	11/01/2022	4187702	22736944.4	
4189229	Robert Bosch GmbH	07/07/2021	4189229	21743108.9	German
4189859	Ofinno, LLC	26/08/2021	4189859	21773243.7	
4190480	BLM S.p.A.	01/12/2022	4190480	22210788.0	
4190926	Guangdong Brunp Recycling Technology Co., Ltd	29/07/2021	4190926	21848759.3	
	Hunan Brunp Recycling Technology Co., Ltd.				
	Hunan Brunp Vehicles Recycling Co., Ltd.				
4191120	MAGNA STEYR Fahrzeugtechnik GmbH & Co KG	01/12/2022	4191120	22210785.6	German
4191311	Corning Research & Development Corporation	24/11/2022	4191311	22209355.1	
4191345	The Swatch Group Research and Development Ltd	06/12/2021	4191345	21212556.1	French
4192575	Boston Scientific Neuromodulation Corporation	10/09/2021	4192575	21787280.3	
4194050	Cochlear Limited	07/12/2021	4194050	21212770.8	
4194070	Dionex Corporation	05/12/2022	4194070	22211505.7	
4194758	E.G.O. Elektro-Gerätebau GmbH	10/12/2021	4194758	21383124.1	
4195642	Honor Device Co., Ltd.	14/09/2022	4195642	22854494.6	
4196024	Gunther, Stephen B.	06/08/2021	4196024	21770093.9	
	Coleman, Robert Glen				
4196306	Illinois Tool Works Inc.	18/06/2021	4196306	21742241.9	
4197912	Rolls-Royce plc	22/11/2022	4197912	22208690.2	
4197959	Hangzhou Hikrobot Co., Ltd.	10/08/2021	4197959	21855541.5	
4198016	Uniwersytet Gdanski	22/11/2022	4198016	22208962.5	
4198310	Leistritz Pumpen GmbH	28/11/2022	4198310	22209989.7	German
4198315	EBARA CORPORATION	13/12/2022	4198315	22213282.1	
4199493	ZKW Group GmbH	15/12/2021	4199493	21214785.4	
4199608	Beijing Xiaomi Mobile Software Co., Ltd.	14/08/2020	4199608	20949187.7	
4199766	Nicoventures Trading Limited	01/09/2021	4199766	21770291.9	
4199806	Bard Access Systems, Inc.	30/08/2021	4199806	21777909.9	
4200105	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)	20/08/2021	4200105	21770067.3	
4200822	PepsiCo, Inc.	09/08/2021	4200822	21858821.8	
4200843	Sorenson IP Holdings, LLC	09/08/2021	4200843	21762945.0	
4200851	Yangtze Memory Technologies Co., Ltd.	28/04/2021	4200851	21938306.4	
4200938	The Queen's University of Belfast	16/08/2021	4200938	21762037.6	
4201782	Siemens Mobility GmbH	17/10/2019	4201782	23157337.9	German
4201784	Siemens Mobility GmbH	17/10/2019	4201784	23157596.0	German
4201807	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	21/12/2021	4201807	21216430.5	German
4201858	Draka Comteq France SAS	02/12/2022	4201858	22211038.9	
4202282	Hydac A/S	21/12/2021	4202282	21216367.9	
	Siemens Gamesa Renewable Energy A/S				
4202766	Coulisse B.V.	19/12/2022	4202766	22214536.9	
4202896	Shenzhen Goodix Technology Co., Ltd.	14/06/2022	4202896	22178877.1	
4203104	Contemporary Amperex Technology (Hong Kong) Limited	13/10/2021	4203104	21928342.1	
4203417	INTEL Corporation	14/10/2022	4203417	22201735.2	

4204348	De Ledebur, Juan-Carlos, G. Gruber, Stefan, A.	04/04/2022	4204348	22785222.5	
4204570	De Ledebur, Patrick-Andrew, G. Xbrane Biopharma AB STADA ARZNEIMITTEL AG	08/10/2021	4204570	21790425.9	
4204824	Itron, Inc.	08/06/2021	4204824	21742568.5	
4204953	ARRIS Enterprises LLC	07/04/2021	4204953	21722658.8	
4205812	BEIJING RAYER SHIWEI MEDICAL RESEARCH CO., LTD	26/07/2022	4205812	22848507.4	
4206446	Akademia Gornicz-Hutnicza im. Stanislawa Staszica w Krakowie	27/12/2022	4206446	22216713.2	
4206522	Marelli Automotive Lighting Italy S.p.A. Con Socio Unico	30/12/2021	4206522	21218317.2	
4206722	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	18/09/2020	4206722	20953670.5	
4207462	LG Energy Solution, Ltd.	27/04/2022	4207462	22828595.3	
4207736	Panasonic Intellectual Property Corporation of America	19/08/2021	4207736	21861381.8	
4209608	Santoku Corporation	31/08/2021	4209608	21864326.0	
4210030	Nippon Telegraph And Telephone Corporation	16/10/2020	4210030	20957722.0	
4210306	Samsung Electronics Co., Ltd.	07/01/2022	4210306	22739577.9	
4210932	ROTOX Holding GmbH & Co. KG	11/08/2021	4210932	21762655.5	German
4211360	Liebherr-Components Biberach GmbH	30/11/2021	4211360	21820248.9	German
4211373	Bümach Engineering International B.V.	11/09/2020	4211373	20797661.4	German
4211398	Universal Electronics, Inc.	11/10/2021	4211398	21880837.6	
4212090	Siemens Healthineers AG	13/01/2022	4212090	22151405.2	
4212391	VOLVO TRUCK CORPORATION	17/01/2022	4212391	22151851.7	
4212470	Crown Equipment Corporation	21/10/2022	4212470	22203073.6	
4212639	Garrett Transportation I Inc.	19/10/2022	4212639	22202560.3	
4212808	LG Energy Solution, Ltd.	26/07/2022	4212808	22867557.5	
4212837	JFE Steel Corporation	25/08/2021	4212837	21885660.7	
4212887	LEM International SA	20/03/2015	4212887	23160552.8	
4213471	STMicroelectronics S.r.l.	11/01/2023	4213471	23151090.0	
4214099	Robert Bosch GmbH	16/07/2021	4214099	21746009.6	German
4214135	ELC Management LLC	14/09/2021	4214135	21870078.9	
4214279	Continental Reifen Deutschland GmbH	10/09/2021	4214279	21794750.6	German
4214446	Femas Metal San. Ve Tic. A.S.	17/09/2020	4214446	20965246.0	
4214605	Google LLC	09/11/2020	4214605	20853543.5	
4215731	Rolls-Royce plc Rolls-Royce Corporation	20/12/2022	4215731	22214878.5	
4216414	Honor Device Co., Ltd.	01/09/2022	4216414	22838623.1	
4217547	Etablissements Saint Germain Et Straub Suez International	14/09/2021	4217547	21799080.3	French
4217893	Accenture Global Solutions Limited	10/09/2021	4217893	21777286.2	
4218326	ARRIS Enterprises LLC	24/09/2020	4218326	20954510.2	
4218986	VOLVO TRUCK CORPORATION	28/01/2022	4218986	22153800.2	
4219411	Kemira OYJ	14/03/2018	4219411	23166436.8	
4219442	Lg Chem, Ltd.	17/09/2021	4219442	21872881.4	
4220312	STILL GmbH	11/01/2023	4220312	23151122.1	German
4220612	Leyard Optoelectronic Co., Ltd	11/01/2023	4220612	23151056.1	
4220939	Panasonic Intellectual Property Management Co., Ltd.	30/07/2021	4220939	21871972.2	
4221174	Canon Production Printing Holding B.V.	31/01/2022	4221174	22154268.1	
4221245	CANON KABUSHIKI KAISHA	27/01/2023	4221245	23153651.7	
4222054	MTU Aero Engines AG	09/09/2021	4222054	21773693.3	German
4222428	Darcy Solutions, Inc.	28/09/2021	4222428	21876293.8	
4222615	Acentium Inc.	01/10/2021	4222615	21799411.0	
4223228	FUJIFILM Corporation	25/03/2015	4223228	23180058.2	
4223760	Novartis AG	02/08/2019	4223760	23165151.4	
4223915	Oskar Dilo Maschinenfabrik KG	07/02/2022	4223915	22155418.1	German
4223982	Tata Consultancy Services Limited	21/12/2022	4223982	22215381.9	

4224704	Volkswagen Aktiengesellschaft	03/02/2023	4224704	23154878.5	German
4225068	Philip Morris Products S.A.	07/10/2021	4225068	21789687.7	
4225101	AMPAC Limited	05/10/2021	4225101	21878321.5	
4226757	CNH Industrial America LLC	14/02/2023	4226757	23156653.0	
4226873	Storz Medical AG	09/02/2022	4226873	22155802.6	
4226888	Exocad GmbH	10/02/2023	4226888	23156028.5	
4226895	Kitahara, Koujiro	07/12/2021	4226895	21903417.0	
4226905	TOYOTA JIDOSHA KABUSHIKI KAISHA	06/01/2023	4226905	23150570.2	
4227105	Samsung Display Co., Ltd.	10/02/2023	4227105	23156185.3	
4228522	Cilag GmbH International	17/10/2022	4228522	22797873.1	
4230156	Sonic Vascular, LLC	14/11/2018	4230156	23172234.9	
4230258	Heraeus Medical Components, LLC	19/02/2021	4230258	23183449.0	
4230462	Volvo Car Corporation	18/02/2022	4230462	22157553.3	
4230486	Dellner Bubenzer Aktiebolag	18/02/2022	4230486	22157538.4	
4230882	Sutter, Thomas	07/02/2023	4230882	23000019.2	German
4231506	Xiaomi EV Technology Co., Ltd.	28/07/2022	4231506	22187559.4	
4231637	Magic Leap, Inc.	29/12/2015	4231637	23184337.6	
4232175	Moose Creative Management Pty Limited	15/10/2021	4232175	21805778.4	
4233338	Nokia Technologies Oy	21/10/2020	4233338	20958872.2	
4233945	Becton, Dickinson and Company	03/12/2010	4233945	23170584.9	
4234039	Colgate-Palmolive Company	31/12/2015	4234039	23162239.0	
4235182	Aikang Medtech Co., Ltd	11/03/2022	4235182	22871110.7	
4235381	Apple Inc.	12/03/2020	4235381	23178349.9	
4235419	Apple Inc.	24/02/2023	4235419	23158501.9	
4235504	Karl Storz Imaging, Inc.	13/02/2023	4235504	23156262.0	
4236238	Hand Held Products, Inc.	02/09/2020	4236238	23173535.8	
4236491	Sun Patent Trust	29/06/2012	4236491	23179333.2	
4236624	Panasonic Intellectual Property Management Co., Ltd.	06/11/2019	4236624	23177860.6	
4236917	HUN-REN TERMÉSZETTUDOMÁNYI KUTATÓKÖZPONT Eötvös Loránd Tudományegyetem	11/03/2022	4236917	22721453.3	
4237262	Pirelli Tyre S.p.A.	18/10/2021	4237262	21806417.8	
4237761	Euro Heat Pipes	25/10/2021	4237761	21799025.8	French German
4237917	Pandia GmbH	04/02/2022	4237917	22709211.1	
4239005	The Boeing Company	08/08/2014	4239005	23183604.0	
4239106	Iberdrola Clientes, S.A.U. FORESA, INDUSTRIAS QUÍMICAS DEL NOROESTE, S.A.U.	02/03/2022	4239106	22382193.5	
4239280	Airbus Defence and Space GmbH	04/03/2022	4239280	22160237.8	
4239351	Garrett Transportation I Inc.	24/10/2022	4239351	22203429.0	
4239634	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	24/07/2015	4239634	23184408.5	
4240219	Boston Scientific Scimed, Inc. Boston Scientific Medical Device Limited	28/12/2021	4240219	21848418.6	
4240439	Gambro Lundia AB	29/10/2021	4240439	21801130.2	
4240650	SAFRAN AIRCRAFT ENGINES	28/10/2021	4240650	21801533.7	French German
4240664	ALPLA Werke Alwin Lehner GmbH & Co. KG	05/11/2021	4240664	21806231.3	
4240686	Auramo OY	04/10/2021	4240686	21790943.1	
4241404	Telefonaktiebolaget LM Ericsson (publ)	09/11/2020	4241404	20804242.4	
4241678	Pacesetter, Inc.	13/01/2021	4241678	23181350.2	
4241847	Sapreme Technologies B.V.	09/12/2019	4241847	23170913.0	
4242345	NIPPON STEEL CORPORATION	06/01/2022	4242345	22736764.6	
4243534	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	01/03/2021	4243534	21928427.0	
4243814	Health Research, Inc.	10/11/2021	4243814	21892772.1	
4244186	Verdicio Solutions A.I.E.	13/11/2020	4244186	20811739.0	
4244796	Mastercard International Incorporated	02/11/2021	4244796	21892586.5	
4245546	FUJIFILM Corporation	05/11/2021	4245546	21891772.2	
4245623	VOLVO TRUCK CORPORATION	17/03/2022	4245623	22162696.3	

4245896	Novamont S.p.A.	20/04/2017	4245896	23190517.5	German
4245954	Julius Blum GmbH	05/11/2019	4245954	23190514.2	
4246356	Xerox Corporation	27/02/2023	4246356	23158740.3	
4246843	Wilus Institute of Standards and Technology Inc.	18/02/2019	4246843	23174217.2	
4247064	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	25/03/2021	4247064	21932173.4	German
4249356	Gerlinger, Wolfgang	24/03/2023	4249356	23164040.0	
4249414	TMT Machinery, Inc.	21/03/2023	4249414	23163013.8	
4249434	AGC INC.	25/12/2018	4249434	23185872.1	
4249556	AGC Si-Tech Co., Ltd.				German
4249556	W.R. GRACE & CO.-CONN.	03/04/2020	4249556	23184959.7	
4249567	MORESCO Corporation	19/11/2021	4249567	21894742.2	
4249738	Rolls-Royce plc	22/02/2023	4249738	23157955.8	
4250262	NEC Corporation	25/12/2020	4250262	20967027.2	
4250304	Tata Consultancy Services Limited	27/01/2023	4250304	23153750.7	
4251805	Trumer Schutzbauten Ges.m.b.H	29/11/2021	4251805	21834734.2	
4251953	Siemens Aktiengesellschaft	01/02/2021	4251953	21921948.2	
4252590	Formway Furniture Limited	03/02/2017	4252590	23191610.7	
4252751	Innovo Therapeutics Inc.	29/11/2021	4252751	21898706.3	
4252932	ASAHI-SEIKI MANUFACTURING CO., LTD.	20/03/2023	4252932	23162965.0	
4252966	Panasonic Intellectual Property Management Co., Ltd.	30/03/2023	4252966	23165494.8	
4253087	Sumitomo Rubber Industries, Ltd.	16/03/2023	4253087	23162412.3	
4253237	B/E Aerospace, Inc.	21/03/2023	4253237	23163115.1	
4253256	Airbus Operations GmbH	31/03/2022	4253256	22165990.7	
4253700	Griffwerk GmbH	21/11/2019	4253700	23188051.9	German
4253750	Suzuki Motor Corporation	01/03/2023	4253750	23159329.4	
4253751	Suzuki Motor Corporation	18/02/2023	4253751	23157427.8	
4253828	Valeo Vision	30/03/2022	4253828	22165633.3	
4254532	LG Energy Solution, Ltd.	17/11/2022	4254532	22896109.0	German
4254533	LG Energy Solution, Ltd.	19/10/2022	4254533	22901571.4	
4254696	The Boeing Company	14/04/2021	4254696	23193583.4	
4255106	Tomoegawa Corporation	17/11/2021	4255106	21897823.7	
4255811	John Bean Technologies Corporation	02/12/2021	4255811	21835069.2	German
4255902	Orion Corporation	30/11/2021	4255902	21823336.9	
4256226	Robert Bosch GmbH	28/10/2021	4256226	21802282.0	
4257652	Kraton Polymers Nederland B.V.	03/04/2023	4257652	23166262.8	
4257776	Hertig Knut AB	08/04/2022	4257776	22167423.7	German
4257858	WALTER STAUFFENBERG GMBH & CO. KG	04/04/2022	4257858	22166497.2	
4257866	Airbus Helicopters	03/03/2023	4257866	23159844.2	
4257907	Kraftanlagen Energies & Services SE	29/04/2021	4257907	23193075.1	
4258101	ABB SCHWEIZ AG	04/04/2022	4258101	22166488.1	German
4258159	Uhlmann Pac-Systeme GmbH & Co. KG	05/04/2022	4258159	22166717.3	
4258267	Changxin Memory Technologies, Inc.	20/04/2022	4258267	22729025.1	
4258301	Hitachi Energy Ltd	08/04/2022	4258301	22167475.7	
4259281	Xie Li Products Co., Ltd.	10/12/2021	4259281	21844075.8	German
4259506	Nencki AG	10/12/2020	4259506	20824521.7	
4259943	Epsilon Composite	09/12/2020	4259943	20848843.7	
4261071	Airbus Defence and Space GmbH	14/04/2022	4261071	22382356.8	
4261179	Sany Marine Heavy Industry Co., Ltd.	31/03/2021	4261179	21922057.1	French
4261368	SimonsVoss Technologies GmbH	11/04/2022	4261368	22167663.8	
4261386	Dyno Nobel Inc.	19/02/2019	4261386	23175484.7	
4261681	Samsung Electronics Co., Ltd.	07/01/2022	4261681	22739581.1	
4261697	Samsung Electronics Co., Ltd.	07/02/2023	4261697	23155357.9	German
4262046	TOYOTA JIDOSHA KABUSHIKI KAISHA	29/12/2022	4262046	22217223.1	
4262324	Delta Electronics, Inc.	11/04/2023	4262324	23167406.0	
4263490	BASF SE	16/12/2021	4263490	21824603.1	
4263750	Merck Patent GmbH	13/12/2021	4263750	21824397.0	

4264170	JUNGHANS Microtec GmbH	13/12/2021	4264170	21839378.3	German
4264190	Continental Automotive Technologies GmbH	07/12/2021	4264190	21834724.3	German
4264239	Draeger Medical Systems, Inc.	24/09/2021	4264239	21802455.2	German
4265286	MDS SYRINGES LTD	21/04/2023	4265286	23169136.1	
4265345	Körber Supply Chain Logistics GmbH	22/04/2022	4265345	22169504.2	
4265363	Sodick Co., Ltd.	13/03/2023	4265363	23161525.3	
4265514	Yamaha Hatsudoki Kabushiki Kaisha	18/04/2023	4265514	23168455.6	
4265581	Holcim Technology Ltd	20/04/2022	4265581	22020183.4	
4265606	Ocusun Ophthalmic Pharmaceutical (Guangzhou) Co., Ltd.	21/12/2021	4265606	21909417.4	German
	Guangzhou Ocusun Ophthalmic Biotechnology Co., Ltd.				
4265845	Kässbohrer Geländefahrzeug AG	11/04/2023	4265845	23167433.4	
4265876	PHA CO., LTD.	28/02/2022	4265876	22800051.9	
4265927	Sherrill, Inc.	18/04/2023	4265927	23168516.5	
4266651	Smartvue Corporation	08/04/2015	4266651	23194185.7	
	Renkis, Martin A.				French
4267853	Polytech A/S	23/12/2021	4267853	21844013.9	
4268738	Mölnlycke Health Care AB	28/04/2022	4268738	22170525.4	
4268872	GrowTrend Biomedical Co., Ltd.	17/04/2023	4268872	23168188.3	
4269132	Sumitomo Rubber Industries, Ltd.	19/10/2021	4269132	21914973.9	
4269233	Airbus Operations GmbH	29/04/2022	4269233	22171055.1	
4269252	Airbus Operations Limited	13/04/2023	4269252	23167714.7	German
4269271	Cameleon Group	27/04/2023	4269271	23170284.6	
4269302	TMT Machinery, Inc.	20/04/2023	4269302	23168926.6	
4269657	Technochim SA	29/04/2022	4269657	22170851.4	
4269892	Weiss Technik GmbH	02/08/2022	4269892	22188385.3	
4269941	Bayerische Mass-Industrie Arno Keller GmbH	17/04/2023	4269941	23168238.6	
4270015	Crown Equipment Corporation	12/06/2019	4270015	23196686.2	French
4270160	Samsung Electronics Co., Ltd.	02/03/2023	4270160	23719257.0	
4270671	Société de Constructions Mécaniques et Electriques de la Croix d'Argent (COMECA)	28/04/2022	4270671	22305630.0	
4270903	Airbus Operations GmbH	28/04/2022	4270903	22170635.1	
4271100	SoftBank Corp.	15/12/2021	4271100	21910542.6	
4271122	Samsung Electronics Co., Ltd.	16/09/2010	4271122	23175834.3	
4272791	Löwenstein Medical Technology S.A.	05/07/2019	4272791	23193340.9	German
4273050	The Boeing Company	13/04/2023	4273050	23167699.0	
4273208	Indian Oil Corporation Limited	14/04/2023	4273208	23168124.8	
4273565	Contemporary Ampere Technology (Hong Kong) Limited	28/09/2021	4273565	21958677.3	
4273670	Beijing Zitiao Network Technology Co., Ltd.	30/09/2022	4273670	22799838.2	
4273696	Google LLC	03/10/2017	4273696	23192799.7	German
4273842	Schieder, Bernhard	26/04/2023	4273842	23170091.5	
4275779	Metso Finland Oy	12/05/2022	4275779	22172992.4	
4275784	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	20/03/2023	4275784	23162949.4	
4276178	Asymchem Life Science (Tianjin) Co., Ltd.	02/03/2021	4276178	21922007.6	
4276294	Rolls-Royce plc	17/04/2023	4276294	23168299.8	
4276307	ENPULSION GmbH	12/05/2022	4276307	22173000.5	French
4276487	Google LLC	21/06/2017	4276487	23200232.9	
4276566	Yanmar Holdings Co., Ltd.	25/04/2023	4276566	23169686.5	
4277251	Samsung Electronics Co., Ltd.	27/02/2023	4277251	23710180.3	
4277459	Hack Harvest B.V.	01/11/2021	4277459	21802451.1	
4277548	Bolt Medical, Inc.	23/12/2021	4277548	21848402.0	
4277727	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	07/01/2022	4277727	22700318.3	

4277823	Budapesti Műszaki és Gazdaságtudományi Egyetem	06/12/2021	4277823	21843764.8	
4279005	Ethicon LLC	29/12/2020	4279005	23201257.5	
4279351	Robert Bosch GmbH	02/03/2023	4279351	23159636.2	German
4280037	BOE Technology Group Co., Ltd. Beijing BOE Display Technology Co., Ltd.	01/09/2021	4280037	21955462.3	
4280445	MITSUBISHI ELECTRIC CORPORATION	14/01/2021	4280445	21919342.2	
4280829	Honor Device Co., Ltd.	29/12/2022	4280829	22871061.2	
4281151	CONMED Corporation	20/01/2022	4281151	22743137.6	
4281235	Marco Bicego S.p.A.	20/01/2022	4281235	22700978.4	
4281670	Alfa Laval Corporate AB	19/01/2022	4281670	22700964.4	
4281837	SEW-EURODRIVE GmbH & Co. KG	07/12/2021	4281837	21831015.9	German
4281861	Audi AG CARIAD SE	21/01/2021	4281861	21702403.3	
4281892	Google LLC	05/04/2022	4281892	22719492.5	
4282108	LG Electronics Inc.	06/04/2022	4282108	22784952.8	
4282354	Globeride, Inc.	12/10/2021	4282354	21921161.2	
4282552	Amada Co., Ltd.	12/01/2022	4282552	22742474.4	
4282668	BRIDGESTONE CORPORATION	05/11/2021	4282668	21921189.3	
4284049	Huawei Technologies Co. Ltd.	29/09/2017	4284049	23173588.7	
4284270	Bard Access Systems, Inc.	28/01/2022	4284270	22704687.7	
4284903	Dow Global Technologies LLC	24/08/2021	4284903	21954472.3	
4285086	F-Reg	28/01/2022	4285086	22702274.6	French
4285090	Paratech, Incorporated	25/01/2022	4285090	22704268.6	
4285367	Standigm Inc.	27/01/2022	4285367	22746262.9	
4286141	Top Glass Industries S.p.A.	28/04/2023	4286141	23170545.0	
4286142	Top Glass Industries S.p.A.	28/04/2023	4286142	23170560.9	
4286738	Tatsuno Corporation	05/04/2023	4286738	23166658.7	
4287045	Honor Device Co., Ltd.	25/08/2022	4287045	22866431.4	
4287293	ENEOS Materials Corporation	14/01/2022	4287293	22745613.4	
4287944	WIDEX A/S	03/02/2021	4287944	21704204.3	
4288643	Siemens Energy Global GmbH & Co. KG	08/04/2022	4288643	22721711.4	German
4288780	Disruptive Technological Advances In Life Science S.r.l.- Società Benefit, In forma abbreviata, D-TAILS S.r.l. SB Fondazione Istituto Italiano di Tecnologia	01/02/2022	4288780	22702054.2	
4289371	Covidien LP	22/10/2019	4289371	23205546.7	
4289449	Guangdong Guozhi Photonics Technology Co., Ltd.	23/08/2022	4289449	22191739.6	
4290448	BIGO TECHNOLOGY PTE. LTD.	28/01/2022	4290448	22749076.0	
4290533	Panasonic Intellectual Property Management Co., Ltd.	05/02/2021	4290533	21924675.8	
4290951	Panasonic Intellectual Property Corporation of America	05/04/2018	4290951	23204972.6	
4291121	Zimmer Biomet CMF And Thoracic, LLC	03/02/2022	4291121	22705304.8	
4291330	Enzyre B.V. Micronit Holding B.V.	10/02/2022	4291330	22704810.5	
4291611	Dow Silicones Corporation	16/11/2021	4291611	21835894.3	
4291715	POLYGREEN S.R.L.	09/02/2022	4291715	22707261.8	
4291716	POLYGREEN S.R.L.	09/02/2022	4291716	22707528.0	
4292268	Motorola Solutions, Inc.	06/01/2022	4292268	22708262.5	
4292616	The Procter & Gamble Company	12/12/2018	4292616	23206593.8	
4292633	Boditech Med Inc.	23/03/2022	4292633	22795967.3	
4293288	Arçelik Anonim Sirketi	28/04/2023	4293288	23170669.8	
4293957	Siemens Mobility GmbH	16/06/2022	4293957	22179356.5	German
4295217	Siemens Aktiengesellschaft	01/03/2022	4295217	22712900.4	
4295551	InterDigital Patent Holdings, Inc.	14/02/2022	4295551	22709965.2	
4295573	Home Setv S.r.l.	16/02/2022	4295573	22705483.0	
4295888	ConvaTec Limited	23/04/2021	4295888	23208300.6	
4296092	Sumitomo Rubber Industries, Ltd.	21/06/2023	4296092	23180656.3	

4296213	Escola Superior de Enfermagem de Coimbra	21/02/2022	4296213	22717251.7	
	Instituto Politécnico de Coimbra				
4296941	Wistron Corporation	05/10/2022	4296941	22199753.9	
4297055	K & N Schalterentwicklungsgesellschaft m.b.H.	22/06/2022	4297055	22180374.5	German
4297940	Igus GmbH	28/02/2022	4297940	22713023.4	German
4298182	Castrol Limited	24/02/2022	4298182	22707878.9	
4298183	Castrol Limited	24/02/2022	4298183	22707879.7	
4298354	Kongsberg Automotive Holding 2 AS	21/10/2021	4298354	21798804.7	
4298915	Aasted ApS	28/06/2022	4298915	22181698.6	
4299497	Hyundai Elevator Co., Ltd.	26/04/2023	4299497	23169995.0	
4300220	Siemens Aktiengesellschaft	01/07/2022	4300220	22182567.2	German
4300271	Honor Device Co., Ltd.	03/11/2022	4300271	22927588.8	
4300331	First Data Corporation	02/04/2020	4300331	23210172.5	
4300661	LG Energy Solution, Ltd.	01/09/2022	4300661	22898780.6	
4301123	Amazonen-Werke H. Dreyer SE & Co. KG	24/08/2021	4301123	21759324.3	German
4302015	Pittway Sarl	04/03/2021	4302015	21707602.5	
4302587	Willand (Beijing) Technology Co., Ltd.	07/07/2023	4302587	23184117.2	
4303360	Unilin, BV	05/07/2022	4303360	22183114.2	
4303387	Veka AG	20/06/2023	4303387	23180447.7	German
4303428	TOYOTA JIDOSHA KABUSHIKI KAISHA	29/06/2023	4303428	23182449.1	
4303532	Contemporary Ampere Technology (Hong Kong) Limited	06/04/2022	4303532	22927581.3	
4303662	Zhuhai Pantum Electronics Co., Ltd.	29/03/2023	4303662	23164874.2	
4303691	Guangzhou Shiyuan Electronics Co., Ltd.	20/04/2022	4303691	22798575.1	
	Guangzhou Shirui Electronics Co., Ltd.				
4304478	CardioInsight Technologies, Inc.	11/03/2022	4304478	22713815.3	
4304886	CARIAD SE	11/03/2021	4304886	21712443.7	
4305390	Mettler Toledo (Changzhou) Precision Instrument Ltd.	07/03/2022	4305390	22713853.4	
	Mettler Toledo (Changzhou) Measurement Technology Ltd.				
	Mettler-Toledo International Trading (Shanghai) Co., Ltd.				
4305502	ARISTON S.P.A.	10/03/2022	4305502	22710445.2	
	Thermowatt S.p.A.				
4306567	ADEKA CORPORATION	08/02/2022	4306567	22766710.2	
4306692	Gebrüder Loepfe AG	13/07/2022	4306692	22184633.0	
4307225	CHINA TOBACCO YUNNAN INDUSTRIAL CO., LTD	14/06/2022	4307225	22859572.4	
4307712	DENSO CORPORATION	08/03/2022	4307712	22767146.8	
4309500	Acies Bio d.o.o.	14/12/2022	4309500	22213605.3	
4310293	BAUER Spezialtiefbau GmbH	20/07/2022	4310293	22186019.0	German
4310706	INTEL Corporation	17/09/2021	4310706	23215435.1	
4310785	China National Petroleum Corporation BGP Inc., China National Petroleum Corporation	30/06/2022	4310785	22913255.0	
4310829	SSI New Material (Zhenjiang) Co., Ltd.	10/07/2023	4310829	23184454.9	
4310864	Accuray, Inc.	25/11/2019	4310864	23215814.7	
4311101	Nanjing Chervon Industry Co., Ltd.	16/03/2022	4311101	22806282.4	
4311217	Vivo Mobile Communication Co., Ltd.	15/04/2022	4311217	22790961.1	
4311919	Purem GmbH	23/06/2023	4311919	23181111.8	German
4312511	Innoba	04/04/2022	4312511	22717434.9	French
4312650	NIKE Innovate C.V.	14/03/2022	4312650	22714315.3	
4313205	GRUNWALD, Sorin	25/03/2022	4313205	22720927.7	
4313437	SMS group GmbH	17/01/2022	4313437	22700795.2	German
4313571	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	17/03/2022	4313571	22714903.6	French
4313703	Traction Innovation B.V.	29/03/2022	4313703	22715630.4	
4313829	KONE Corporation	01/04/2021	4313829	21717794.8	

4313889	Corning Incorporated	31/03/2022	4313889	22782196.4	German
4314503	Mercedes-Benz Group AG	17/03/2022	4314503	22716860.6	
4314732	Mettler-Toledo (Changzhou) Precision Instruments Co., Ltd Mettler Toledo (Changzhou) Measurement Technology Ltd. Mettler-Toledo International Trading (Shanghai) Co., Ltd.	15/04/2022	4314732	22723974.6	
4314980	Siemens Aktiengesellschaft	23/03/2022	4314980	22717160.0	German
4315627	Nokia Technologies Oy	11/03/2022	4315627	22714384.9	
4315844	Faro Technologies, Inc.	04/04/2022	4315844	22719437.0	
4315957	Lenovo (Singapore) Pte. Ltd.	31/03/2021	4315957	21716666.9	
4316031	Telefonaktiebolaget LM Ericsson (publ)	31/03/2021	4316031	21718260.9	
4316320	Henny Penny Corporation	28/04/2022	4316320	23210456.2	
4317110	Denka Company Limited	28/03/2022	4317110	22780766.6	
4317296	Sumitomo Riko Company Limited	27/09/2022	4317296	22876207.6	
4317895	VALEO SYSTEMES THERMIQUES	02/08/2022	4317895	22188336.6	
4318005	LG ENERGY SOLUTION, LTD.	21/12/2022	4318005	22919066.5	
4318170	ZTE Corporation	24/03/2022	4318170	22787350.2	
4318549	Changxin Memory Technologies, Inc.	30/06/2022	4318549	22782645.0	
4319439	Wilus Institute of Standards and Technology Inc. SK TELECOM CO. LTD	06/07/2017	4319439	23217942.4	
4319502	Nissha Co., Ltd.	25/04/2022	4319502	22804516.7	
4319640	Carestream Health, Inc.	01/04/2022	4319640	22718459.5	
4320398	BDR Thermea Group B.V.	06/04/2022	4320398	22720722.2	
4320401	US Armor Forge Inc.	05/04/2022	4320401	22718525.3	
4320722	Hanwha Q CELLS GmbH	04/04/2022	4320722	22724409.2	
4321065	Della Rosa, Fabio	04/08/2023	4321065	23189689.5	German
4321075	LG Electronics Inc.	13/04/2017	4321075	23212487.5	
4321112	Boston Scientific Medical Device Limited	10/03/2014	4321112	23212680.5	
4321125	Align Technology, Inc.	05/03/2020	4321125	23203833.1	German
4321254	Sartorius Stedim North America Inc.	09/08/2022	4321254	22189564.2	
4321671	Oskar Dilo Maschinenfabrik KG	10/08/2023	4321671	23190772.6	
4322014	Safran Sensing Technologies Norway AS	11/08/2022	4322014	22189859.6	German
4322764	Fattoria La Vialla Di Gianni, Antonio E Bandino Lo Franco - Societa' Agricola Semplice	14/04/2022	4322764	22722349.2	
4322775	Philip Morris Products S.A.	08/04/2022	4322775	22721399.8	
4322887	Datamars SA	08/04/2022	4322887	22721766.8	
4322973	Prodigy Biotech	15/04/2022	4322973	22726551.9	
4323074	Morrison, William	14/04/2022	4323074	22719990.8	
4323201	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	11/04/2022	4323201	22722295.7	French
4323222	DENSO CORPORATION TOYOTA JIDOSHA KABUSHIKI KAISHA	31/03/2022	4323222	22721115.8	
4323457	Kemira OYJ	13/04/2022	4323457	22719310.9	
4323627	FPT Industrial S.p.A.	05/04/2022	4323627	22714927.5	German
4323662	igus GmbH	08/04/2022	4323662	22721762.7	
4323708	System Ceramics S.p.A.	07/04/2022	4323708	22717271.5	
4323811	Qualcomm Incorporated	14/03/2022	4323811	22717469.5	German
4324047	Mercedes-Benz Group AG	08/04/2022	4324047	22721370.9	
4324320	Positec Power Tools (Suzhou) Co., Ltd.	01/02/2019	4324320	23219667.5	
4324655	Seiko Epson Corporation	28/03/2019	4324655	23218308.7	
4325502	Samsung Electronics Co., Ltd.	21/02/2023	4325502	23157812.1	
4325534	NIPPON STEEL CORPORATION	13/04/2022	4325534	22788183.6	
4325629	Contemporary Ampere Technology (Hong Kong) Limited	11/10/2022	4325629	22880299.7	
4325810	Airbus SAS	18/08/2022	4325810	22386057.8	
4326082	Intercontinental Great Brands LLC	19/04/2022	4326082	22723278.2	
4326332	Biond Biologics Ltd.	20/04/2022	4326332	22728683.8	

4326565	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	11/04/2022	4326565	22722297.3	French
4326636	I.M.A. Industria Macchine Automatiche S.p.A.	19/04/2022	4326636	22724507.3	
4326657	ABB SCHWEIZ AG	19/04/2021	4326657	21720430.4	
4326658	KONE Corporation	21/04/2021	4326658	21937771.0	
4326684	Fenzi AGT Netherlands B.V.	14/04/2022	4326684	22719042.8	
4326698	Avantium Knowledge Centre B.V.	20/04/2022	4326698	22724007.4	
4326729	Samsung Display Co., Ltd.	25/04/2022	4326729	22725453.9	
4326950	Doosan Bobcat North America, Inc.	25/04/2022	4326950	22724286.4	
4326979	Safran Landing Systems	11/04/2022	4326979	22722298.1	French
4327020	N2Air	21/04/2022	4327020	22724059.5	French
4327439	Boschman Technologies B.V.	19/04/2022	4327439	22720790.9	
4327699	Secretlab SG Pte. Ltd.	12/04/2022	4327699	24152073.3	
4327859	TAIWAN TEXTILE RESEARCH INSTITUTE	20/02/2023	4327859	23157536.6	
4327980	Nanjing Chervon Industry Co., Ltd.	10/08/2023	4327980	23190759.3	
4328065	Alps Alpine Co., Ltd.	04/08/2023	4328065	23189722.4	
4329233	Honor Device Co., Ltd.	03/08/2021	4329233	23206778.5	
4329414	MEDIATEK INC.	25/08/2023	4329414	23193437.3	
4329416	Nokia Technologies Oy	26/08/2022	4329416	22192329.5	
4329468	CNH Industrial Belgium NV	27/04/2022	4329468	22724300.3	
4329986	Hilti Aktiengesellschaft	12/04/2022	4329986	22722246.0	German
4330014	ValCUN BV	29/04/2022	4330014	22726123.7	
4330019	Aisapack Holding SA	22/04/2022	4330019	22723193.3	
4330026	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	28/04/2022	4330026	22727213.5	French
4330027	SAFRAN AIRCRAFT ENGINES	22/04/2022	4330027	22735515.3	French
4330047	Domino UK Limited	27/04/2022	4330047	22726073.4	
4330148	Fina Technology, Inc.	28/04/2022	4330148	22724305.2	
4330477	Urban Water Solution A/S	28/04/2022	4330477	22725890.2	
4330614	Maerz Ofenbau AG	25/04/2022	4330614	22726003.1	German
	thyssenkrupp Polysius GmbH				
	thyssenkrupp AG				
4331003	voestalpine Stahl GmbH	20/04/2022	4331003	22724028.0	
4331278	InterDigital Patent Holdings, Inc.	22/04/2022	4331278	22723292.3	
4331869	Sumitomo Rubber Industries, Ltd.	10/08/2023	4331869	23190908.6	
4331914	EPSILON Kran GmbH.	02/09/2022	4331914	22193614.9	German
4332144	Henkel AG & Co. KGaA	05/09/2022	4332144	22193895.4	
4332519	Technische Universität Graz	29/08/2022	4332519	22192623.1	German
4332627	Ohio State Innovation Foundation	17/07/2019	4332627	23209523.2	
4333124	Electricité de France	31/08/2023	4333124	23194424.0	French
	Centre National de la Recherche Scientifique				
	Université de Picardie Jules Verne				
4334060	Nikon SLM Solutions AG	03/05/2022	4334060	22727793.6	
4334167	Siemens Mobility GmbH	31/03/2022	4334167	22719922.1	German
4334296	Syngenta Crop Protection AG	29/04/2022	4334296	22727030.3	
4334404	Nur Ink Innovations Ltd	28/10/2021	4334404	21801651.7	
4334502	Université du Mans	06/05/2022	4334502	22731067.9	
	Université de Montréal				
	Centre National de la Recherche Scientifique				
4334575	Caillard, Frédéric	03/05/2022	4334575	22725906.6	French
4334740	CNH Industrial Italia S.p.A.	03/05/2022	4334740	22726140.1	
4334930	H2VR HoldCo, Inc. d/b/a Megapixel VR	02/05/2022	4334930	22726733.3	
4335196	Nokia Technologies Oy	24/02/2022	4335196	22712808.9	
4335343	Samsung Electronics Co., Ltd.	17/11/2020	4335343	23219197.3	
4335384	Bio-X Diagnostics	09/09/2022	4335384	22194759.1	French
4335423	Asian Prime Sources Limited	06/09/2023	4335423	23195758.0	
4335855	Samsung Electronics Co., Ltd.	25/08/2023	4335855	23193479.5	
4335898	LG Chem, Ltd.	27/02/2023	4335898	23775184.7	

4335982	Robert Bosch GmbH	06/09/2023	4335982	23195582.4	German
4336574	ZHEJIANG JINKO SOLAR CO., LTD. JINKO SOLAR CO., LTD.	02/11/2022	4336574	22204989.2	
4336769	Huawei Technologies Co., Ltd.	26/01/2016	4336769	24153634.1	
4337444	Windmüller & Hölscher KG	04/05/2022	4337444	22726761.4	German
4337445	Windmüller & Hölscher KG	04/05/2022	4337445	22726762.2	German
4337758	Mushlabs GmbH	24/02/2023	4337758	23707076.8	
4337980	Office National d'Etudes et de Recherches Aérospatiales CENTRE NATIONAL D'ÉTUDES SPATIALES (C N E S)	26/04/2022	4337980	22735528.6	French
4338156	Google LLC	15/04/2022	4338156	22721597.7	
4338639	Comadur SA	16/09/2022	4338639	22196175.8	French
4338805	Amarin Pharmaceuticals Ireland Limited	28/06/2013	4338805	24152359.6	
4339050	Jaguar Land Rover Limited	29/01/2019	4339050	23206807.2	
4339060	Ovalo GmbH	13/09/2023	4339060	23197197.9	German
4339424	Jiangsu Jointek Precision Machinery Co., Ltd	27/04/2022	4339424	22923097.4	
4339714	Omega SA	19/09/2022	4339714	22196422.4	French
4340422	Honor Device Co., Ltd.	15/08/2022	4340422	22874455.3	
4341165	Fameccanica.Data S.p.A.	04/04/2022	4341165	22714614.9	
4341576	VALEO EMBRAYAGES	16/05/2022	4341576	22729189.5	French
4341620	Anywhere.Solar GmbH	12/04/2022	4341620	22717346.5	German
4341768	Microsoft Technology Licensing, LLC	27/04/2022	4341768	22724297.1	
4342013	Siemens Energy Global GmbH & Co. KG	11/07/2022	4342013	22750781.1	German
4342177	Microsoft Technology Licensing, LLC	28/04/2022	4342177	22724980.2	
4342334	FM Büromöbel GmbH	13/09/2023	4342334	23197120.1	German
4342546	Figueroa Büro für Gestaltung GmbH				
4342546	Amarin Pharmaceuticals Ireland Limited	28/06/2013	4342546	24152348.9	
4343212	LG Electronics Inc.	20/09/2023	4343212	23198414.7	
4343227	OBO Bettermann Hungary Kft.	07/09/2023	4343227	23195890.1	German
4343286	KIEFEL GmbH	21/08/2023	4343286	23192304.6	German
4343438	FUJIFILM Business Innovation Corp.	24/03/2023	4343438	23164034.3	
4344084	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	19/02/2020	4344084	24157400.3	
4344633	Abbott Diabetes Care, Inc.	11/12/2012	4344633	24152079.0	
4344893	FUJIFILM Corporation	11/09/2023	4344893	23196571.6	
4344938	HONDA MOTOR CO., LTD.	20/09/2023	4344938	23198570.6	
4344995	Airbus Helicopters	11/08/2023	4344995	23191037.3	French
4345192	Linde GmbH	28/09/2022	4345192	22020462.2	German
4345478	FUJIFILM Corporation	20/09/2023	4345478	23198655.5	
4345857	HAGER-ELECTRO SAS	26/09/2023	4345857	23199773.5	French
4347165	Auto-Kabel Management GmbH	27/04/2022	4347165	22726031.2	German
4347280	Continental Reifen Deutschland GmbH	29/11/2021	4347280	21823756.8	German
4347485	Yara International ASA	25/05/2022	4347485	22730282.5	
4347545	Melchior Material And Life Science France	27/05/2022	4347545	22732300.3	French
4348106	HELLA GmbH & Co. KGaA	29/04/2022	4348106	22727017.0	German
4349151	Greenworks (Jiangsu) Co., Ltd.	26/09/2023	4349151	23199573.9	
4349291	BIOSENSE WEBSTER (ISRAEL) LTD.	02/10/2023	4349291	23201108.0	
4349713	Hamilton Sundstrand Corporation	20/09/2023	4349713	23198535.9	
4351391	Eversys S.A.	14/12/2022	4351391	22836140.8	German
4351947	Mercedes-Benz Group AG	20/04/2022	4351947	22723640.3	German
4352276	Air Liquide Electronics Systems	15/04/2022	4352276	22723129.7	French
4352546	Mercedes-Benz Group AG	20/04/2022	4352546	22723627.0	German
4354018	HYUNDAI MOTOR COMPANY Kia Corporation SL Corporation	01/08/2023	4354018	23188887.6	
4354332	Nagravision Sarl	12/10/2022	4354332	22201175.1	
4354596	SK On Co., Ltd.	27/03/2023	4354596	23164484.0	
4355276	Hollister Incorporated	20/07/2023	4355276	23754646.0	
4355437	Globus (Shetland) Ltd.	15/06/2022	4355437	22732307.8	
4355749	Xinthera, Inc.	27/04/2023	4355749	23797297.1	

4356166	Commissariat à l'Energie Atomique et aux Energies Alternatives	14/06/2022	4356166	22733107.1	French
4356203	Patek Philippe SA Genève	15/06/2022	4356203	22733480.2	French
4356877	Össur Iceland EHF	12/11/2019	4356877	24156340.2	
4357280	Contemporary Ampere Technology (Hong Kong) Limited	05/05/2023	4357280	23772735.9	
4357423	CANON KABUSHIKI KAISHA	12/10/2023	4357423	23203141.9	
4357432	Heidelberger Druckmaschinen AG	12/09/2023	4357432	23196829.8	German
4357536	Yanmar Holdings Co., Ltd.	04/10/2023	4357536	23201506.5	
4357910	Harman International Industries, Incorporated	18/10/2023	4357910	23204431.3	
4357928	Samsung Electronics Co., Ltd.	10/10/2023	4357928	23202699.7	
4358738	FrieslandCampina Nederland B.V.	23/06/2022	4358738	22734626.9	
4359070	Siemens Healthineers International AG	14/06/2022	4359070	22734265.6	
4359102	Fives DMS	24/06/2022	4359102	22747073.9	French
4359273	thyssenkrupp Presta AG	24/10/2023	4359273	23793889.9	German
	thyssenkrupp AG				
4359324	SSI Schäfer Automation GmbH (DE)	27/04/2022	4359324	22726604.6	German
4359477	INEOS Styrolution Group GmbH	20/06/2022	4359477	22735156.6	
4359662	ENI S.p.A.	23/06/2022	4359662	22735036.0	
4360435	CNI Industrial America LLC	13/10/2023	4360435	23203610.3	
4360507	Hermann Bock GmbH	26/04/2023	4360507	23170136.8	German
4361336	Arçelik Anonim Sirketi	28/09/2023	4361336	23200532.2	
4362392	Amadeus S.A.S.	26/10/2022	4362392	22306623.4	
4363199	Stratasys Ltd.	30/06/2022	4363199	22743928.8	
4363257	Kempower Oyj	06/04/2022	4363257	22716444.9	
4363684	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Bamberg	30/06/2022	4363684	22737895.7	German
4363916	Milosiu, Johann-Marius	21/06/2022	4363916	22753596.0	German
4364034	Ingenico Inc.	30/06/2022	4364034	22748565.3	
4364212	Commissariat à l'Energie Atomique et aux Energies Alternatives	27/06/2022	4364212	22744286.0	French
4364389	DynConD Ltd.	08/06/2022	4364389	22750887.6	
4365304	Universidad Autónoma de Madrid	07/11/2022	4365304	22383065.4	
4366156	SICK AG	12/10/2023	4366156	23203308.4	German
4366905	Technische Universität Chemnitz	10/06/2022	4366905	22740282.3	German
	Körperschaft des öffentlichen Rechts				
4366940	VMI Holland B.V.	28/06/2022	4366940	22735638.3	
4367166	Covestro Deutschland AG	27/06/2022	4367166	22732274.0	German
4367353	MACO Technologie GmbH	18/07/2022	4367353	22751088.0	German
4367581	ARM Limited	06/12/2022	4367581	22826680.5	
4367823	Nokia Technologies Oy	09/07/2021	4367823	21749941.7	
4368270	Shenzhen Jiaxin Technology Co., Ltd	14/12/2022	4368270	22213447.0	
4368295	Syntegon Technology GmbH	12/10/2023	4368295	23203123.7	German
4368401	Zhuhai Pantum Electronics Co., Ltd.	13/11/2023	4368401	23209300.5	
4368866	Christian Maier GmbH & Co. KG	09/11/2023	4368866	23208856.7	German
4368929	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	08/11/2023	4368929	23208500.1	French
4368966	Endress+Hauser SICK GmbH+Co. KG	10/11/2022	4368966	22206742.3	German
4369386	STMicroelectronics S.r.l.	09/11/2023	4369386	23208718.9	
4370039	Angiomed GmbH & Co. Medizintechnik KG	16/07/2021	4370039	21751769.7	
4370582	BASF SE	14/06/2022	4370582	22733936.3	
4370825	CTM Lyng AS	07/07/2022	4370825	22754585.2	
4370986	Siemens Aktiengesellschaft	03/10/2022	4370986	22786823.9	German
4371189	Siemens Aktiengesellschaft	28/06/2022	4371189	22741697.1	German
4371373	Philip Morris Products S.A.	11/07/2022	4371373	22750804.1	
4371408	Globeride, Inc.	06/02/2023	4371408	24169533.7	
4371775	Seiko Epson Corporation	17/11/2023	4371775	23210616.1	
4371857	MAGNA STEYR Fahrzeugtechnik GmbH & Co KG	31/10/2023	4371857	23206910.4	German

4372178	Polis Manifatture Ceramiche S.p.A.	03/08/2023	4372178	23189363.7	
4372538	Samsung Electronics Co., Ltd.	06/11/2023	4372538	23207941.8	
4372793	IMEC VZW	21/11/2022	4372793	22208458.4	
4374007	DuPont Safety & Construction, Inc. Coveme S.p.A.	18/07/2022	4374007	22750985.8	
4374221	Koninklijke Philips N.V.	19/07/2022	4374221	22754792.4	
4374224	Koninklijke Philips N.V.	19/07/2022	4374224	22754797.3	
4374779	Samsung Electronics Co., Ltd. Korea Advanced Institute of Science and Technology	27/04/2023	4374779	23170328.1	
4375106	Exel Industries	13/10/2023	4375106	23203428.0	French
4375143	Hyundai Mobis Co., Ltd.	27/12/2022	4375143	22216783.5	
4375227	Manitowoc Crane Group France	14/11/2023	4375227	23209911.9	French
4375537	J.D. Theile GmbH & Co. KG	15/11/2023	4375537	23209990.3	German
4375900	Friedrich-Alexander-Universität Erlangen- Nürnberg Ion Beam Applications S.A.	25/11/2022	4375900	22209727.1	
4376223	Legrand France Legrand SNC	31/10/2023	4376223	23207177.9	French
4377211	I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.p.A.	26/07/2022	4377211	22760794.2	
4377370	Covestro LLC	08/07/2022	4377370	22751528.5	
4378561	Absolent AB	22/11/2023	4378561	23211469.4	
4378592	National Institute Of Advanced Industrial Science and Technology	28/10/2020	4378592	24171250.4	
4378650	SWISS KRONO Tec AG	02/12/2022	4378650	22211013.2	German
4379068	Institut National Des Sciences Appliquées De Rouen Centre National de la Recherche Scientifique Université de Rouen Normandie Hermes Sellier	01/12/2022	4379068	22306770.3	
4380038	IFP Energies nouvelles	15/11/2023	4380038	23209979.6	French
4380770	Eckart GmbH	10/10/2023	4380770	23789546.1	
4380844	Robert Bosch GmbH	14/06/2022	4380844	22733092.5	German
4380858	SAFRAN AIRCRAFT ENGINES	01/08/2022	4380858	22758565.0	French
4381684	Giesecke+Devrient advance52 GmbH	27/07/2022	4381684	22758422.4	German
4381714	Siemens Aktiengesellschaft	01/09/2022	4381714	22772914.2	German
4381917	Commissariat à l'Energie Atomique et aux Energies Alternatives THALES Centre National de la Recherche Scientifique Université Grenoble Alpes	04/08/2022	4381917	22761999.6	French
4382673	BAUER Maschinen GmbH	06/12/2022	4382673	22211666.7	German
4384424	Robert Bosch GmbH	05/08/2022	4384424	22761213.2	German
4384449	The Procter & Gamble Company	10/08/2022	4384449	22768510.4	
4384654	Commissariat à l'Energie Atomique et aux Energies Alternatives	08/08/2022	4384654	22761236.3	French
4385105	Schneider Electric Industries SAS	11/08/2022	4385105	22765047.0	French
4385378	BSH Hausgeräte GmbH	15/12/2022	4385378	22213884.4	
4385603	Arçelik Anonim Sirketi	31/10/2023	4385603	23207216.5	
4385753	Sumitomo Rubber Industries, Ltd.	10/11/2023	4385753	23209000.1	
4386001	ARKRAY, Inc.	13/12/2023	4386001	23216444.2	
4386201	VESTAS WIND SYSTEMS A/S	12/12/2022	4386201	22212800.1	
4386864	Zhejiang Jinko Solar Co., Ltd.	07/09/2023	4386864	23196106.1	
4387814	ETA BIOENGINEERING S.R.L.	18/08/2022	4387814	22768332.3	
4387830	Arburg GmbH + Co KG	23/06/2023	4387830	23736013.6	German
4387910	Valmet Tissue Converting S.r.l.	12/08/2022	4387910	22768470.1	
4388443	Siemens Industry Software NV	08/03/2022	4388443	22713598.5	
4389457	Sumitomo Rubber Industries, Ltd.	11/12/2023	4389457	23215407.0	

4390184	Danfoss Power Solutions GmbH & Co. OHG	19/12/2023	4390184	23218030.7	
4390429	Siemens Healthineers AG	23/12/2022	4390429	22216283.6	German
4391706	Nokia Technologies Oy	04/09/2017	4391706	24160970.0	
4391810	Fyteko SA	26/08/2022	4391810	22769245.6	
4391811	Fyteko SA	26/08/2022	4391811	22769622.6	
4392020	Uni-Pharma Kleon Tsetis Pharmaceutical Laboratories S.A.	29/07/2022	4392020	22765189.0	
4392310	ZF CV Systems Global GmbH	28/07/2022	4392310	22757947.1	German
4392322	Exponential Renewables S.L.	07/11/2022	4392322	22822210.5	
4392619	BE WTR SA	29/08/2022	4392619	22772577.7	
4392620	BE WTR SA	29/08/2022	4392620	22772578.5	
4393368	SEB S.A.	14/12/2023	4393368	23216592.8	French
4393824	Airbus Operations GmbH Airbus Defence and Space GmbH Airbus Operations, S.L.U.	27/12/2022	4393824	22216805.6	
4394398	HUIKE (SINGAPORE) HOLDING PTE.LTD.	30/09/2021	4394398	21958863.9	
4394419	Aichi Steel Corporation	21/09/2022	4394419	22880732.7	
4395937	GEA Westfalia Separator Group GmbH	19/08/2022	4395937	22765910.9	German
4396411	BASF SE	02/09/2022	4396411	22772527.2	
4397427	RWE Nuclear GmbH	15/12/2023	4397427	23217234.6	German
4400006	Grabowski, David Grabowski, Katarzyna	03/01/2024	4400006	24150201.2	
4400152	ConvaTec Limited	08/10/2020	4400152	24177965.1	
4400407	Ozone Kites Ltd.	12/01/2023	4400407	23151274.0	
4402070	The Gillette Company LLC	18/09/2021	4402070	21782862.3	
4402366	Siemens Gamesa Renewable Energy A/S	10/11/2022	4402366	22817210.2	
4402635	ZF CV Systems Global GmbH	07/09/2022	4402635	22773649.3	German
4402735	HOPPECKE Batterien GmbH & Co. KG.	06/04/2022	4402735	22721659.5	German
4403412	Autoliv Development AB	19/01/2023	4403412	23152471.1	
4403895	TE Connectivity Solutions GmbH	17/01/2024	4403895	24152333.1	
4404902	Biomimetik	14/09/2022	4404902	22790252.5	French
4405188	Leonardo S.p.a.	20/09/2022	4405188	22773323.5	
4405528	VSL International AG	24/09/2021	4405528	21786114.5	
4405982	ORANO NUCLEAR PACKAGES AND SERVICES	20/09/2022	4405982	22789274.2	French
4406623	Maiak Technologies S.L.	27/01/2023	4406623	23382071.1	
4407628	ARC Intellicare Ltd	27/01/2023	4407628	23153803.4	
4408228	Zetajay S.r.l.	09/09/2022	4408228	22783057.7	
4409175	Flowserve Pte. Ltd.	13/09/2022	4409175	22873426.5	
4409253	Gneuss GmbH	27/09/2022	4409253	22802889.0	German
4409548	IDEMIA Public Security France	01/08/2022	4409548	22761956.6	French
4409575	International Business Machines Corporation	11/10/2022	4409575	22801432.0	
4410114	Tanaka Foods Co., Ltd	02/02/2024	4410114	24155646.3	
4412043	MAZDA MOTOR CORPORATION	29/01/2024	4412043	24154316.4	
4412512	Creo Medical Limited	07/09/2022	4412512	22782855.5	
4412556	Koninklijke Philips N.V.	05/10/2022	4412556	22797768.3	
4414040	Evfspool Oy	16/01/2024	4414040	24152267.1	
4414185	GEOTAB Inc.	15/01/2024	4414185	24151880.2	
4414237	EH Holding GmbH	13/04/2023	4414237	23167766.7	German
4416111	Luxwall, Inc.	06/11/2023	4416111	23814072.7	
4416464	Beckhoff Automation GmbH	16/11/2022	4416464	22817747.3	German
4417038	Maschinenfabrik Bernard Krone GmbH & Co. KG	23/01/2024	4417038	24153328.0	German
4417363	Schachner, Franz	27/11/2023	4417363	23212336.4	German
4417919	Prime Planet Energy & Solutions, Inc.	18/12/2023	4417919	23217509.1	
4419436	BERICAP Holding GmbH	06/12/2023	4419436	23821546.1	German
4419803	A. Raymond et Cie	13/09/2022	4419803	22773266.6	French
4420509	Maschinenfabrik Bernard Krone GmbH & Co. KG	23/01/2024	4420509	24153327.2	German

4421282	Luxwall, Inc.	26/10/2023	4421282	24187625.9	
4422917	LIIKENNEVIRTA OY / VIRTA LTD	06/04/2023	4422917	23718007.0	
4422968	Itrec B.V.	14/10/2022	4422968	22802106.9	
4423458	Mercedes-Benz Group AG	27/02/2023	4423458	23708717.6	German
4425206	Deutsche Telekom AG	28/02/2023	4425206	23158910.2	
4426216	Boston Scientific Neuromodulation Corporation	08/02/2023	4426216	23708335.7	
4426414	BTL Healthcare Technologies a.s.	02/11/2022	4426414	22813480.5	
4427330	FRONIUS INTERNATIONAL GmbH	22/12/2022	4427330	22838867.4	German
4427635	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	20/09/2023	4427635	23198512.8	
4427709	macu4 AG	07/03/2024	4427709	24162058.2	
4430243	HP3 Real GmbH	08/11/2022	4430243	22801965.9	German
4430322	Corimag S.r.l.	08/02/2023	4430322	23707818.3	
4431376	Sunny Wheel Industrial Co., Ltd.	30/11/2023	4431376	23213491.6	
4431957	MD Elektronik GmbH	08/12/2023	4431957	23215193.6	German
4432975	Koninklijke Philips N.V.	17/11/2022	4432975	22818637.5	
4434271	T-Mobile Innovations LLC	10/11/2022	4434271	22835993.1	
4434467	Siemens Healthineers AG	10/08/2023	4434467	23190831.0	German
4434886	B/E Aerospace, Inc.	27/12/2023	4434886	23220404.0	
4437155	ArcelorMittal	17/10/2022	4437155	22793471.8	
4439498	Honeywell International Inc.	05/03/2024	4439498	24161488.2	
4440827	HUECK Rheinische GmbH	22/11/2022	4440827	22821933.3	German
4440907	AUDI AG	06/02/2023	4440907	23703780.9	German
4443006	Groupe Waterair	15/12/2023	4443006	23216978.9	French
4446695	CiTEX Holding GmbH	20/03/2024	4446695	24164711.4	German
4447007	Xingchong Kingdom (Beijing) Technology Co., Ltd	30/06/2023	4447007	23878711.3	
4447796	Onalabs Inno-Hub	30/12/2022	4447796	22844557.3	
4450222	Valentini, Andrea	19/04/2023	4450222	23168812.8	
4450801	FabricAir Canada Inc.	22/04/2024	4450801	24171761.0	
4452768	Gruppo Fabbri Vignola S.p.A.	20/12/2022	4452768	22835491.6	
4454624	Ontex BV Ontex Group NV	15/01/2024	4454624	24151960.2	
4454771	Vanheede Biomass Solutions SA	27/04/2023	4454771	23170389.3	French
4454971	Siemens Mobility GmbH	28/03/2024	4454971	24167496.9	German
4456333	Japan Aviation Electronics Industry, Limited	18/03/2024	4456333	24164122.4	
4456688	Danfoss A/S	28/04/2023	4456688	23170700.1	
4456797	Koninklijke Philips N.V.	21/12/2022	4456797	22843271.2	
4460488	SNF Group	13/03/2024	4460488	24710125.6	
4460675	Mercedes-Benz Group AG	26/01/2024	4460675	24702711.3	German
4464457	Sugino Machine Limited	05/03/2024	4464457	24161559.0	
4469365	Crown Packaging Technology, Inc.	06/01/2023	4469365	23700150.8	
4471010	Nouryon Chemicals International B.V.	14/05/2024	4471010	24175823.4	
4473722	GOOGLE LLC	24/04/2023	4473722	23725878.5	
4474131	Tiree OÜ	05/06/2024	4474131	24180088.7	
4474698	Delta Electronics Inc.	06/10/2023	4474698	23202242.6	
4474776	Siemens Aktiengesellschaft	07/06/2023	4474776	23177972.9	German
4477203	Shenzhen Alltokee Technology Co., Ltd	18/07/2023	4477203	23185981.0	
4481117	RailTechnology GmbH	20/06/2023	4481117	23180486.5	
4481834	Trina Solar Co., Ltd	08/11/2023	4481834	23208472.3	
4482100	Deutsche Telekom AG	19/06/2023	4482100	23180101.0	
4483022	Wilhelm Layher Verwaltungs-GmbH	05/04/2023	4483022	23718172.2	German
4483560	Google LLC	25/04/2023	4483560	23725492.5	
4487903	SCHOTT AG Schott Primoceler Oy	07/07/2023	4487903	23184167.7	
4488161	Yamaha Hatsudoki Kabushiki Kaisha	13/06/2024	4488161	24181963.0	
4489000	Dolby International AB	05/09/2011	4489000	24214279.2	
4491970	AGO Technologie GmbH	11/07/2023	4491970	23184670.0	German
4493437	Robotic Research Opco, LLC	16/02/2024	4493437	24713830.8	
4494908	Benteler Automobiltechnik GmbH	17/07/2023	4494908	23185935.6	German

4495620	SICK AG	21/07/2023	4495620	23186929.8	German
4501065	Motorola Solutions, Inc.	07/03/2023	4501065	23713565.2	
4505328	Mercedes-Benz Group AG	21/06/2023	4505328	23735634.0	German
4513484	Dolby International AB	05/09/2011	4513484	24214273.5	
4514447	Novocure GmbH	06/02/2024	4514447	24704261.7	
4517255	SICK AG	30/08/2023	4517255	23194139.4	German
4525761	Cilag GmbH International	04/03/2024	4525761	24710515.8	
4537420	Verkor	21/06/2024	4537420	24740210.0	French

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1994291	American Axle & Manufacturing, Inc.	19/02/2007	1994291	07751339.8	
2414260	Maricap OY	16/03/2010	2414260	10758108.4	
2507599	IMEC VZW	30/11/2010	2507599	10798279.5	
2602237	Franken Maxit Mauermörtel GmbH & Co.	05/12/2012	2602237	12008122.9	German
2668008	TELADOC HEALTH, INC. iRobot Corporation	27/01/2012	2668008	12738731.4	
2681540	Siemens Healthineers Nederland B.V.	27/02/2012	2681540	12707654.5	
2872636	Minerva Biotechnologies Corporation	15/07/2013	2872636	13816444.7	
2906682	University of Maryland, Baltimore	14/10/2013	2906682	13847433.3	
2919826	3-D Matrix Ltd.	14/11/2013	2919826	13802115.9	
2958580	RSEM, Limited Partnership	21/02/2014	2958580	14754943.0	
3019104	Lake Region Manufacturing, Inc. d/b/a Lake Region Medical	30/04/2014	3019104	14792364.3	
3038573	Goldsmith, Bruce	28/08/2014	3038573	14841235.6	
3044572	Nordson Corporation	03/04/2015	3044572	15773241.3	
3063239	Lubrizol Advanced Materials, Inc.	24/10/2014	3063239	14802732.9	
3065528	Väderstad Holding AB	06/11/2014	3065528	14860069.5	
3069690	MedicalTree Patent Ltd.	12/07/2010	3069690	15194056.6	
3071327	HemostOD SA Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	18/11/2014	3071327	14802617.2	
3080837	4Tex GmbH	26/11/2014	3080837	14830366.2	German
3085999	Mitsubishi Jidosha Kogyo Kabushiki Kaisha	20/04/2016	3085999	16166169.9	
3108362	Trimble Inc.	10/02/2015	3108362	15752866.2	
3112957	CASIO COMPUTER CO., LTD.	04/03/2016	3112957	16158649.0	
3122149	Apple Inc.	27/09/2013	3122149	16170339.2	
3133459	Ecovacs Robotics Co., Ltd.	14/04/2015	3133459	15780687.8	
3134992	Samsung Electronics Co., Ltd.	07/03/2016	3134992	16712131.8	
3138551	JMS Co., Ltd.	30/04/2015	3138551	15786803.5	
3141663	HD Hyundai Infracore Co., Ltd.	15/03/2016	3141663	16194111.7	
3186092	Illinois Tool Works Inc.	25/08/2015	3186092	15757422.9	
3195721	Andreas Stihl AG & Co. KG	23/01/2017	3195721	17000110.1	German
3217938	Qfix Systems, LLC	13/11/2015	3217938	15816908.6	
3222037	Samsung Electronics Co., Ltd.	13/11/2015	3222037	15860432.2	
3222093	Texas Instruments Incorporated	15/09/2015	3222093	15842619.7	
3224197	Topsoe A/S	25/11/2015	3224197	15802031.3	
3227067	URSHEL LABORATORIES, INC.	03/12/2015	3227067	15865954.0	
3230452	The Broad Institute, Inc. Massachusetts Institute of Technology	11/12/2015	3230452	15819997.6	
3237549	Saint-Gobain Adfors	22/12/2015	3237549	15828352.3	French
3239903	VOLKSWAGEN AKTIENGESELLSCHAFT	11/04/2017	3239903	17165868.5	German
3251057	Chen, Rin In Moffat, Brian Lee	01/02/2016	3251057	16744287.0	
3253211	Memorial Sloan Kettering Cancer Center	05/02/2016	3253211	16747309.9	
3264591	Mitsubishi Electric Corporation	24/02/2015	3264591	15883138.8	
3265069	OmniActive Health Technologies Limited	02/03/2016	3265069	16758534.8	
3280004	Hill-Rom Services, Inc.	29/11/2012	3280004	17192060.6	
3281906	Otis Elevator Company	11/07/2017	3281906	17180832.2	
3282844	BASF Agrochemical Products B.V.	14/04/2016	3282844	16716248.6	

3283985	EOS GmbH Electro Optical Systems	15/04/2016	3283985	16721089.7	German
3285890	MSA Technology, LLC	19/04/2016	3285890	16719178.2	
3289179	Saudi Arabian Oil Company	29/04/2016	3289179	16721049.1	
3294404	ICU Medical, Inc.	04/05/2016	3294404	16793209.4	
3295404	tZERO IP, LLC	25/05/2016	3295404	16835564.2	
3300700	Massachusetts Institute of Technology	15/03/2013	3300700	17179324.3	
3310415	Sanofi-Aventis Deutschland GmbH	15/06/2016	3310415	16728983.4	
3313627	KUKA Deutschland GmbH	20/06/2016	3313627	16731512.6	German
3316378	Samsung SDI Co., Ltd.	31/10/2017	3316378	17199464.3	
3316913	CareFusion 2200 Inc.	29/06/2016	3316913	16818701.1	
3320052	ELKEM SILICONES France SAS	05/07/2016	3320052	16747807.2	French
3325406	Gencell Ltd.	22/07/2016	3325406	16828614.4	
3328469	Sanofi-Aventis Deutschland GmbH	26/07/2016	3328469	16747756.1	
3332624	Horsch Maschinen GmbH	09/11/2017	3332624	17200879.9	German
3337112	Institut Mines-Telecom	19/12/2016	3337112	16306728.3	
3341411	Alector LLC	26/08/2016	3341411	16760335.6	
3341499	Minkpapier A/S	26/08/2016	3341499	16757040.7	
3345280	Koninklijke Philips N.V.	24/08/2016	3345280	16756686.8	
3346946	LifeCell Corporation	09/09/2016	3346946	16770142.4	
3348921	Hitachi-Johnson Controls Air Conditioning, Inc.	10/08/2016	3348921	16843746.5	
3352850	Knight, Judith Darlene	22/09/2015	3352850	15904865.1	
3356799	Climate LLC	20/09/2016	3356799	16849415.1	
3358395	Menicon Co., Ltd.	01/10/2015	3358395	15905459.2	
3360113	Sony Group Corporation	26/09/2016	3360113	16779193.8	
3365915	Siemens Aktiengesellschaft	16/02/2016	3365915	16890158.5	
3368391	EagleRail Container Logistics LLC	26/10/2016	3368391	16801894.3	
3370814	Fisher&Paykel Healthcare Limited	03/11/2016	3370814	16861707.4	
3371217	F. Hoffmann-La Roche AG	08/11/2016	3371217	16798062.2	
3371828	Exo Imaging, Inc.	05/11/2015	3371828	15907962.3	
3374900	Insulet Corporation	20/12/2016	3374900	16823461.5	
3378529	Medtronic, Inc.	23/04/2015	3378529	18161181.5	
3379102	KYB Corporation	16/09/2016	3379102	16866015.7	
3383212	Nike Innovate C.V.	30/11/2016	3383212	16813180.3	
3385598	NPROXX B.V.	03/04/2017	3385598	17164557.5	German
3385751	General Electric Company	04/04/2018	3385751	18165673.7	
3392794	Robert Bosch GmbH	04/04/2018	3392794	18165632.3	German
3394698	The Regents of the University of California	22/12/2016	3394698	16880127.2	
3396030	Tamura Corporation	16/11/2016	3396030	16875325.9	
3399687	National University Corporation Tokyo University Of Agriculture and Technology Electronics and Telecommunications Research Institute	28/12/2016	3399687	16882077.7	
3400453	Apple Inc.	04/01/2017	3400453	17701015.4	
3404042	Shanghai Jiaotong University	11/01/2017	3404042	17738144.9	
3404056	Zeon Corporation	10/01/2017	3404056	17738371.8	
3404101	CJ Cheiljedang Corporation	21/12/2012	3404101	18182250.3	
3413119	LG INNOTEK CO. LTD	01/12/2015	3413119	18184384.8	
3417505	Schaeffler Technologies AG & Co. KG	05/01/2017	3417505	17702515.2	German
3418224	Daifuku Co., Ltd.	13/02/2017	3418224	17753121.7	
3418660	Liebherr-Hausgeräte Ochsenhausen GmbH	20/06/2018	3418660	18178805.0	German
3419416	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	24/02/2017	3419416	17707291.5	
3420927	Biedermann Technologies GmbH & Co. KG	22/06/2018	3420927	18179393.6	
3423980	Palo Alto Networks, Inc.	27/02/2017	3423980	17760554.0	
3424019	Ventana Medical Systems, Inc.	01/03/2017	3424019	17760737.1	
3425690	Samsung Electronics Co., Ltd.	29/06/2018	3425690	18180938.5	
3427237	HUF Hülsbeck & Fürst GmbH & Co. KG	16/01/2017	3427237	17700446.2	German
3427403	QUALCOMM Incorporated	10/03/2017	3427403	17712661.2	
3428878	Panasonic Automotive Systems Co., Ltd	26/04/2017	3428878	17827218.3	
3438075	Proterial, Ltd.	24/03/2017	3438075	17774784.7	
3440236	Selenium Medical	05/04/2017	3440236	17720546.5	French

3443342	Ekomilk Horizon Ltd.	13/06/2016	3443342	16738650.7	
3445267	Elbit Systems Ltd.	19/04/2017	3445267	17785573.1	
3445678	Salisbury NHS Foundation Trust	20/04/2017	3445678	17719889.2	
3449495	TDK Electronics AG	26/04/2017	3449495	17721579.5	German
	Robert Bosch GmbH				
3450996	Analog Devices International Unlimited Company	28/08/2018	3450996	18191080.3	
3452439	Gharda, Keki Hormusji	02/05/2017	3452439	17792579.9	
3453665	Otis Elevator Company	03/08/2018	3453665	18187369.6	
3461400	Biosense Webster (Israel) Ltd.	28/09/2018	3461400	18197464.3	
3467015	Polyplastics-Evonik Corporation	05/10/2016	3467015	18202358.0	
3471714	Shifa Biomedical Corporation	19/06/2017	3471714	17815986.9	
3473653	Sumitomo Chemical Company, Limited	13/06/2017	3473653	17813315.3	
3477559	Tata Consultancy Services Limited	11/02/2018	3477559	18156199.4	
3482061	PHINIA Delphi Luxembourg SARL	28/06/2017	3482061	17824719.3	
3482226	Google LLC	28/09/2017	3482226	17787068.0	
3483289	Monogram BioSciences, Inc.	07/06/2005	3483289	18199100.1	
3483357	Välinge Innovation AB	07/11/2008	3483357	18211995.8	
3484942	The Texas A&M University System	14/07/2017	3484942	17754500.1	
3485371	Intuit Inc.	12/07/2017	3485371	17828387.5	
3485645	ATI Technologies ULC	12/07/2017	3485645	17827096.3	
3486018	Agie Charmilles SA	20/11/2017	3486018	17202531.4	
3487110	Nokia Technologies Oy	06/11/2018	3487110	18204477.6	
3488242	VIB VZW	14/07/2017	3488242	17745669.6	
	Katholieke Universiteit Leuven				
	K.U. Leuven R&D				
3489542	VORWERK AUTOTEC GmbH & Co. KG	06/11/2018	3489542	18204626.8	German
3491000	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	28/07/2017	3491000	17742787.9	
3491239	Wobben Properties GmbH	25/07/2017	3491239	17748692.5	German
3494396	Pierce Biotechnology, Inc.	03/08/2017	3494396	17761346.0	
3494615	Siemens Aktiengesellschaft	15/09/2017	3494615	17771394.8	German
3497355	Edwards Limited	03/08/2017	3497355	17752430.3	
3498047	Apple Inc.	27/04/2017	3498047	17839954.9	
3502734	Leuze electronic GmbH + Co. KG	22/12/2017	3502734	17209948.3	German
3504374	Mountville Mills, Inc.	21/07/2017	3504374	17754214.9	
3506089	Siemens Aktiengesellschaft	27/09/2016	3506089	16917064.4	
3506510	INTEL Corporation	27/11/2018	3506510	18208735.3	
3506989	Chippo Golf LLC	28/08/2017	3506989	17764727.8	
3510609	TEL-HASHOMER MEDICAL RESEARCH INFRASTRUCTURE AND SERVICES LTD. AT THE CHAIM SHEBA MEDICAL CENTER	05/09/2017	3510609	17849392.0	
	Board of Regents, The University of Texas System				
3512670	Cascade Corporation	30/12/2016	3512670	16916390.4	
3512886	Universität Stuttgart	15/09/2017	3512886	17768777.9	
3515173	CNH Industrial Belgium NV	19/09/2017	3515173	17777734.9	
3515215	Sentiens, LLC	22/09/2017	3515215	17854026.6	
3515313	Wisconsin Alumni Research Foundation	19/09/2017	3515313	17777737.2	
3516108	Smart Coloring GmbH	22/09/2017	3516108	17768477.6	
3518857	Springactive, Inc.	27/09/2017	3518857	17858918.0	
3526220	Loyola University of Chicago	13/10/2017	3526220	17797478.9	
	The United States of America, as represented by the Secretary, Department of Health and Human Services				
3526473	Baker Hughes ESP, Inc.	11/10/2017	3526473	17791800.0	
3528310	SIMU	13/02/2019	3528310	19156974.8	French
3532258	Stora Enso Oyj	26/10/2017	3532258	17864276.5	
3532300	Akzenta Paneel + Profile GmbH	26/10/2017	3532300	17787451.8	German
3535546	Safran Electronics & Defense	02/11/2017	3535546	17797117.3	French
	Valeo Schalter und Sensoren GmbH				

3537410	Seabery Soluciones, S.L.	08/03/2018	3537410	18382151.1	
3539579	Smith & Nephew plc	21/04/2011	3539579	19166574.4	
3542497	ORANGE	17/11/2017	3542497	17804638.9	French
3544204	KMW Inc.	16/11/2017	3544204	17872290.6	
3545017	Dow Global Technologies LLC	07/09/2017	3545017	17783607.9	
3545468	contextflow GmbH	23/11/2017	3545468	17822539.7	German
3545548	Texas Instruments Incorporated	22/11/2017	3545548	17874052.8	
3547991	Symrise AG	02/12/2016	3547991	16805429.4	
3548143	Siemens Healthineers International AG	05/12/2017	3548143	17817695.4	
3548982	Texas Instruments Incorporated	04/12/2017	3548982	17877964.1	
3549354	Nokia Technologies Oy	20/11/2017	3549354	17876867.7	
3552105	Tata Consultancy Services Limited	21/03/2017	3552105	17877593.8	
3552278	Newport Corporation	06/12/2017	3552278	17879643.9	
3555987	Wobben Properties GmbH	05/12/2017	3555987	17811917.8	German
3557812	SCA IPLA Holdings Inc.	01/02/2012	3557812	19175794.7	
3559049	Teva Pharmaceuticals Australia Pty Ltd	29/10/2012	3559049	12843185.5	
3561818	CANON KABUSHIKI KAISHA	23/04/2019	3561818	19170469.1	
3562339	Altria Client Services LLC	19/12/2017	3562339	17885846.0	
3563162	Hitachi Energy Ltd	30/12/2016	3563162	16925915.7	
3563646	Eagle Harbor Technologies, Inc.	29/12/2017	3563646	17886440.1	
3563827	The Nissin Oil & Gas Group, Ltd.	21/12/2017	3563827	17887867.4	
3564933	Kunshan Go-Vision Opto-Electronics Co., Ltd.	30/05/2018	3564933	18859516.9	
3567107	Tohoku University	27/12/2017	3567107	17890648.3	
3568145	Kumiai Chemical Industry Co., Ltd.				
3568145	Mayo Foundation for Medical Education and Research	11/01/2018	3568145	18738984.6	
3569652	Shaoxing Pinghe New Material Technology Co., Ltd.	12/01/2018	3569652	18738782.4	
	Hangzhou Xinglu Technologies Co., Ltd.				
3571548	E Ink Corporation	08/01/2018	3571548	18742096.3	
3571896	Signify Holding B.V.	23/01/2018	3571896	18702174.6	
3577739	Oxford University Innovation Limited	01/02/2018	3577739	18703838.5	
3583118	Denali Therapeutics Inc.	15/02/2018	3583118	18711190.1	
3584760	BOE Technology Group Co., Ltd.	27/10/2017	3584760	17859342.2	
	Beijing BOE Display Technology Co., Ltd.				
3586336	Micron Technology, Inc.	15/02/2018	3586336	18758498.2	
3588166	TRUMPF Werkzeugmaschinen SE + Co. KG	24/06/2019	3588166	19181880.6	German
	TRUMPF Laser SE				
3588373	GEOTAB Inc.	19/06/2019	3588373	19181267.6	
3593780	Ondal Medical Systems GmbH	19/10/2015	3593780	19178886.8	German
3594362	Illumina, Inc.	21/10/2013	3594362	19191482.9	
3594672	Parker-Hannifin Corporation	24/01/2013	3594672	19194589.8	
3596283	Välinge Innovation AB	16/03/2018	3596283	18767988.1	
3597014	TDK Electronics AG	14/03/2018	3597014	18711540.7	German
	Relyon Plasma GmbH				
3598072	Beijing Geekplus Technology Co., Ltd.	16/08/2018	3598072	18832973.4	
3599456	Sony Group Corporation	26/12/2017	3599456	17903556.3	
3600518	The University of Connecticut	29/03/2018	3600518	18777778.4	
	Yale University				
3600700	Telsonic Holding AG	21/03/2017	3600700	17712953.3	German
3600753	TRUMPF Werkzeugmaschinen SE + Co. KG	20/03/2018	3600753	18713596.7	German
3604206	NEC Corporation	20/02/2018	3604206	18772488.5	
3606498	Givaudan SA	03/04/2018	3606498	18716197.1	
3606942	University of Washington	03/04/2018	3606942	18723094.1	
	Institute for Research in Biomedicine				
3609007	Panasonic Intellectual Property Management Co., Ltd.	16/07/2019	3609007	19186471.9	
3609558	Embecka Corp.	04/04/2018	3609558	18784982.3	
3610172	Wobben Properties GmbH	11/04/2018	3610172	18719087.1	German

3610646	HUAWEI TECHNOLOGIES CO., LTD.	27/04/2017	3610646	17740133.8	
3611045	Hitachi Construction Machinery Co., Ltd.	12/04/2018	3611045	18784049.1	
3612817	bioMérieux, Inc.	20/04/2018	3612817	18723238.4	
3613215	Horus S.r.l.	18/04/2018	3613215	18724327.4	
3613545	Siemens Aktiengesellschaft	24/08/2018	3613545	18190702.3	
3614158	Cambridge Mobile Telematics, Inc.	20/08/2019	3614158	19192645.0	
3621284	Google LLC	28/10/2010	3621284	19205472.4	
3621420	Sungrow Power Supply Co., Ltd.	25/07/2019	3621420	19188460.0	
3622692	Siemens Aktiengesellschaft	06/07/2017	3622692	17742184.9	German
3626736	Takeda Pharmaceutical Company Limited	08/07/2011	3626736	19191438.1	
3626872	Murata Manufacturing Co., Ltd.	22/03/2018	3626872	18796568.6	
3629565	Cambridge Mobile Telematics, Inc.	17/09/2019	3629565	19197700.8	
3635944	Samsung Electronics Co., Ltd.	13/07/2018	3635944	18832197.0	
3637093	HORNET ACQUISITIONCO, LLC	09/10/2019	3637093	19202237.4	
3638541	Volkswagen Aktiengesellschaft	05/04/2018	3638541	18721958.9	German
3644059	NIPPON STEEL Chemical & Material Co., Ltd.	30/06/2015	3644059	19213455.9	
3644176	Samsung Electronics Co., Ltd.	21/10/2019	3644176	19204375.0	
3644951	The Procter & Gamble Company	29/06/2018	3644951	18743316.4	
3646543	Apple Inc.	27/06/2017	3646543	17737160.6	
3647568	Pratt & Whitney Canada Corp.	29/10/2019	3647568	19206067.1	
3648260	Yazaki Corporation	29/10/2019	3648260	19205876.6	
3649153	Tusk Therapeutics Ltd	06/07/2018	3649153	18742582.2	
	Cancer Research Technology Limited				
3649587	Omnitracs, LLC	17/04/2018	3649587	18829141.3	
3649638	Bose Corporation	26/06/2018	3649638	18749898.5	
3654107	CANON KABUSHIKI KAISHA	12/11/2019	3654107	19208481.2	
3654108	CANON KABUSHIKI KAISHA	12/11/2019	3654108	19208483.8	
3654761	Netafim Ltd.	16/07/2018	3654761	18762915.9	
3655102	Varian Medical Systems Particle Therapy GmbH & Co. KG	19/07/2018	3655102	18755713.7	
3657614	TE Connectivity Industrial GmbH	22/11/2018	3657614	18207800.6	
3657998	Brava Home, Inc.	25/07/2018	3657998	18837578.6	
3659392	QUALCOMM Incorporated	27/06/2018	3659392	18749632.8	
3661667	Laitram, L.L.C.	21/08/2018	3661667	18853211.3	
3661737	Lufthansa Technik AG	02/08/2018	3661737	18753343.5	German
3662275	Industrial Scientific Corporation	20/07/2018	3662275	18840535.1	
3663064	Casio Computer Co., Ltd.	08/11/2019	3663064	19207954.9	
3664573	Outdoor Wireless Networks LLC	11/02/2014	3664573	20155534.9	
3665434	Hexagon Metrology GmbH	19/07/2018	3665434	18750349.5	German
3665854	Apple Inc.	10/08/2018	3665854	18844017.6	
3665981	Qualcomm Incorporated	08/08/2018	3665981	18765231.8	
3666437	Black & Decker Inc.	10/10/2019	3666437	19202388.5	
3667385	Canon Kabushiki Kaisha	25/07/2018	3667385	18844778.3	
3668005	Samsung Electronics Co., Ltd.	15/12/2017	3668005	17922449.8	
3668196	Vivo Mobile Communication Co., Ltd.	24/07/2018	3668196	18843237.1	
3669291	Lenze Automation GmbH	31/07/2018	3669291	18752113.3	German
3671694	Beijing Xiaomi Mobile Software Co., Ltd.	06/09/2017	3671694	17924007.2	
3671881	LG Display Co., Ltd.	17/12/2019	3671881	19216938.1	
3672668	Eli Lilly and Company	14/08/2018	3672668	18762702.1	
3673038	Aliopharm S.r.l.	20/08/2018	3673038	18765747.3	
	Consiglio Nazionale Delle Ricerche				
3673275	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	23/08/2017	3673275	17762062.2	
3673807	Canon Medical Systems Corporation	27/12/2019	3673807	19219794.5	
3677378	Star Micronics Co., Ltd.	28/11/2019	3677378	19211974.1	
3679881	Intuitive Surgical Operations, Inc.	12/08/2013	3679881	19209475.3	
3679974	ResMed Pty Ltd	12/01/2006	3679974	19208580.1	
3680482	Pratt & Whitney Canada Corp.	09/01/2020	3680482	20151042.7	
3682099	Freevalve AB	10/09/2018	3682099	18852910.1	
3682602	D&M Holdings, Inc.	12/09/2018	3682602	18857063.4	

3682888	The Board of Regents of The University of Texas System	08/04/2014	3682888	20155920.0	
3686526	LG Electronics Inc.	19/09/2018	3686526	18857831.4	
3687103	QUALCOMM Incorporated	27/08/2015	3687103	20164023.2	
3689089	Lenovo (Beijing) Limited	28/09/2017	3689089	17927178.8	
3689711	NTN Corporation	26/09/2018	3689711	18863082.6	
3689973	Furukawa Electric Co., Ltd.	28/09/2018	3689973	18863337.4	
3690867	Siemens Aktiengesellschaft	30/01/2019	3690867	19154376.8	
3694413	The Board of Trustees of the Leland Stanford Junior University	09/10/2018	3694413	18866524.4	
3694468	Microban Products Company	11/10/2018	3694468	18866175.5	
3696602	Canon Kabushiki Kaisha	27/09/2018	3696602	18865841.3	
3697764	Board Of Regents, The University Of Texas System	18/10/2018	3697764	18868394.0	
3699094	Goodrich Lighting Systems, Inc.	03/12/2019	3699094	19213134.0	
3699986	NICHIA CORPORATION	19/02/2020	3699986	20158181.6	
3700441	Transit Scientific, LLC	29/10/2018	3700441	18869708.0	
3700477	Axena Health, Inc.	26/10/2018	3700477	18869705.6	
3702108	DMG MORI Bielefeld GmbH	27/02/2019	3702108	19159749.1	German
3702823	Panasonic Intellectual Property Management Co., Ltd.	16/10/2018	3702823	18871395.2	
3704343	Drillform Technical Services Ltd.	30/10/2018	3704343	18873313.3	
3706274	STMicroelectronics S.r.l.	20/02/2020	3706274	20158399.4	French
	STMicroelectronics (Tours) SAS				
3707601	Microsoft Technology Licensing, LLC	05/11/2018	3707601	18804879.7	
3707703	Google LLC	27/11/2019	3707703	19828380.6	
3709425	LG Energy Solution, Ltd.	24/07/2019	3709425	19841785.9	
	Postech Academy-Industry Foundation				
3709874	Thomas, Sherry	17/11/2018	3709874	18878926.7	
	Koop, Dale				
3710012	Acerus Biopharma Inc.	01/02/2019	3710012	19746564.4	
3710095	Teleflex Life Sciences LLC	13/11/2018	3710095	18811362.5	
3710820	F. Hoffmann-La Roche AG	13/11/2018	3710820	18804263.4	
3710880	Microsoft Technology Licensing, LLC	01/12/2018	3710880	18821903.4	
3713033	YOKOGAWA ELECTRIC CORPORATION	11/03/2020	3713033	20162316.2	
3716193	doop Osakeyhtiö	27/03/2020	3716193	20166527.0	
3716697	Comcast Cable Communications, LLC	25/03/2020	3716697	20165542.0	
3717688	Electrolux Professional AB (publ)	28/11/2017	3717688	17805188.4	
3718124	iie GmbH & Co. KG	26/11/2018	3718124	18810985.4	German
3719449	HERE Global B.V.	20/03/2020	3719449	20164554.6	
3721148	Samsung Electronics Co., Ltd.	22/02/2019	3721148	19764443.8	
3721312	Kongsberg Maritime AS	06/12/2018	3721312	18886362.5	
3723257	FDK Corporation	23/10/2018	3723257	18885552.2	
3723322	Continental Automotive Technologies GmbH	02/04/2020	3723322	20167797.8	German
3723658	Saban Ventures Pty Limited	06/12/2018	3723658	18889858.9	
3723760	SpecGx LLC	13/12/2018	3723760	18889552.8	
3725471	Robert Bosch GmbH	16/04/2019	3725471	19169460.3	
3726184	Stellantis Auto SAS	16/04/2019	3726184	19169525.3	French
	Robert Bosch GmbH				
3727020	DSM IP Assets B.V.	17/12/2018	3727020	18816090.7	
3729658	Texas Instruments Incorporated	21/12/2017	3729658	17935570.6	
3731483	Fyntra Group, S.A.	27/04/2019	3731483	19405007.6	German
3731497	Huawei Technologies Co. Ltd.	17/04/2020	3731497	20170060.6	
3734720	Posco Future M Co., Ltd	12/12/2018	3734720	18896294.8	
	POSCO Holdings Inc.				
	Research Institute of Industrial Science & Technology				
3735035	QUALCOMM Incorporated	28/09/2015	3735035	20181638.6	
3735779	Sony Interactive Entertainment LLC	01/11/2018	3735779	18897930.6	
3736013	Neuravi Limited	07/05/2020	3736013	20173467.0	

3736674	BSH Hausgeräte GmbH	30/04/2020	3736674	20172287.3	German
3736871	CANON KABUSHIKI KAISHA	06/04/2020	3736871	20168174.9	
3737524	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	09/01/2019	3737524	19700569.7	German
3738101	Connaught Electronics Ltd.	20/12/2018	3738101	18830803.5	
3739813	Juniper Networks, Inc.	21/06/2019	3739813	19181786.5	
3741730	Luoyang Northglass Technology Co. Ltd	18/01/2018	3741730	18901131.5	
3741793	BASF SE	29/04/2020	3741793	20172059.6	German
3742033	UBE Corporation	16/01/2019	3742033	19741157.2	
3744279	Biosense Webster (Israel) Ltd.	05/05/2020	3744279	20173017.3	
3745749	HUAWEI TECHNOLOGIES CO., LTD.	01/04/2019	3745749	19781626.7	
3746871	LEXIP	01/02/2019	3746871	19702094.4	French
3750590	Biora Therapeutics, Inc.	25/09/2014	3750590	20174752.4	
3750596	RaySearch Laboratories AB	12/06/2019	3750596	19179757.0	
3752119	President And Fellows Of Harvard College	15/02/2019	3752119	19754938.9	
3752449	Carlsberg Breweries A/S	13/02/2019	3752449	19704331.8	
3753050	CNBM RESEARCH INSTITUTE FOR ADVANCED GLASS MATERIALS GROUP CO., LTD.	08/02/2019	3753050	19755130.2	
3754052	Infineon Technologies AG	21/06/2019	3754052	19181774.1	
3754741	LG Energy Solution, Ltd.	10/12/2019	3754741	19899199.4	
3755908	JPB Système	12/02/2019	3755908	19708401.5	French
3757128	Pfizer Inc.	30/03/2016	3757128	20172811.0	
3757392	Trane International Inc.	15/06/2018	3757392	20187341.1	
3757803	INTEL Corporation	18/03/2020	3757803	20163788.1	
3758995	Jaguar Land Rover Limited	25/02/2019	3758995	19709385.9	
3759448	Universität Basel Vizerektorat Forschung	01/03/2019	3759448	19706723.4	
3759500	Arizona Board of Regents on behalf of the University of Arizona	14/02/2019	3759500	19756643.3	
3759697	Sensormatic Electronics, LLC	27/02/2019	3759697	19715273.9	
3761474	Nio (Anhui) Holding Co., Ltd.	14/06/2018	3761474	18908211.8	
3761514	Gree Electric Appliances, Inc. of Zhuhai	06/12/2018	3761514	18914813.3	
3761699	New H3C Technologies Co., Ltd.	28/03/2019	3761699	19775127.4	
3761713	Panasonic Intellectual Property Corporation of America	27/02/2019	3761713	19761614.7	
3763128	MEDIATEK INC.	13/03/2019	3763128	19766852.8	
3763866	Qingdao Haier Drum Washing Machine Co., Ltd.	05/03/2019	3763866	19763627.7	
3764876	Haier Smart Home Co., Ltd.				
	Drzala, Mark R.	08/04/2019	3764876	19723535.1	
	Reiter, Mitchell F.				
3764966	BSN medical GmbH	12/03/2019	3764966	19709501.1	
3765314	Wheels India Limited	10/05/2018	3765314	18909763.7	
3765667	VALMET AB	20/02/2019	3765667	19768364.2	
3765905	Ricoh Company, Ltd.	20/12/2018	3765905	18833725.7	
3766206	Nanolock Security Inc.	22/03/2019	3766206	19771477.7	
3766537	MEDRx Co., Ltd.	12/03/2019	3766537	19768013.5	
3767409	Omron Corporation	28/01/2019	3767409	19767391.6	
3768373	Cochlear Limited	19/03/2019	3768373	19772091.5	
3770237	Henkel AG & Co. KGaA	22/07/2019	3770237	19187522.8	German
3770388	TOYOTA JIDOSHA KABUSHIKI KAISHA	24/12/2019	3770388	20195706.5	
3770702	Google LLC	13/03/2019	3770702	20181454.8	
3770884	HONDA MOTOR CO., LTD.	19/03/2019	3770884	19770656.7	
3770982	Sumitomo Chemical Company, Limited	22/03/2019	3770982	19770853.0	
3771722	Samsung Electronics Co., Ltd.	16/06/2020	3771722	20180213.9	
3771810	FPT Industrial S.p.A.	24/07/2020	3771810	20187748.7	
3772236	Illinois Tool Works Inc.	17/07/2020	3772236	20186426.1	
3776295	ORANGE	25/03/2019	3776295	19718795.8	French
3776464	NEC Corporation	27/02/2019	3776464	19775258.7	
3776474	Dolby Laboratories Licensing Corporation	08/04/2019	3776474	19718564.8	
3778119	Sumitomo Electric Hardmetal Corp.	27/03/2019	3778119	19785879.8	

3778138	BOE TECHNOLOGY GROUP CO., LTD. Beijing BOE Optoelectronics Technology Co., Ltd.	29/01/2019	3778138	19752410.1	
3780518	Juniper Networks, Inc.	04/11/2019	3780518	19206918.5	
3781278	Bayer Aktiengesellschaft	09/04/2019	3781278	19715119.4	German
3781425	Magna PT B.V. & Co. KG	02/04/2019	3781425	19720371.4	German
3781764	Masterlab SRL Unipersonale Opentech S.r.l. a Socio Unico	15/04/2019	3781764	19727288.3	
3782201	CSEM Centre Suisse d'Electronique et de Microtechnique SA - Recherche et Développement	12/04/2019	3782201	19717486.5	
3782905	Lockheed Martin Corporation	11/08/2020	3782905	20190584.1	
3783705	JX Advanced Metals Corporation	06/12/2019	3783705	19914181.3	
3784017	Robert Bosch GmbH	23/04/2019	3784017	19720100.7	German
3784160	VERB SURGICAL INC.	06/05/2018	3784160	18915369.5	
3784573	Wing Aviation LLC	12/06/2019	3784573	19819385.6	
3784629	Pilkington Group Limited	26/04/2019	3784629	19721358.0	
3784889	HiETA Technologies Limited	12/02/2019	3784889	19705816.7	
3785491	Signify Holding B.V.	17/04/2019	3785491	19717332.1	
3786944	Mitsubishi Chemical Corporation	25/04/2019	3786944	19791506.9	
3787286	NEC Corporation	08/07/2011	3787286	20194967.4	
3787316	Oticon A/S	29/01/2019	3787316	20193614.3	
3788472	Microsoft Technology Licensing, LLC	26/04/2019	3788472	19730594.9	
3789346	Niterra Co., Ltd.	25/04/2019	3789346	19796324.2	
3789622	Black & Decker Inc.	13/08/2020	3789622	20190938.9	
3790374	Malone Farm Machinery Limited	10/05/2019	3790374	19725418.8	
3792000	Fujimi Incorporated	30/10/2015	3792000	20202592.0	
3793794	Kalsi Engineering, Inc.	09/05/2019	3793794	19802867.2	
3793801	Windmöller & Hölscher KG	15/05/2019	3793801	19725089.7	German
3794750	Molex, LLC	14/05/2019	3794750	19725076.4	German
3809012	Öhlins Racing AB	18/10/2019	3809012	19204131.7	
3809519	KMW Inc.	12/06/2019	3809519	19818819.5	
3809620	Samsung Electronics Co., Ltd.	19/07/2019	3809620	19837492.8	
3809648	Huawei Technologies Co., Ltd.	04/04/2019	3809648	19833247.0	
3811092	DISH NETWORK L.L.C.	18/06/2019	3811092	19735098.6	
3811104	Robert Bosch GmbH	12/04/2019	3811104	19717892.4	German
3812053	Andreas Stihl AG & Co. KG	24/10/2019	3812053	19205178.7	German
3812702	TOPCON CORPORATION	14/10/2020	3812702	20201829.7	
3813408	ZTE Corporation	18/06/2019	3813408	19821602.0	
3813964	Karsten Manufacturing Corporation	27/06/2019	3813964	19825823.8	
3813979	KX Technologies LLC	27/06/2019	3813979	19826138.0	
3814572	Csépke, Róbert Mártonffy, István Szórád, Tamás Csupor, János	25/06/2019	3814572	19773153.2	
3814795	Robert Bosch GmbH	27/04/2019	3814795	19722033.8	German
3815888	The Boeing Company	18/08/2020	3815888	20191550.1	
3816656	MicroVision, Inc.	28/10/2020	3816656	20204308.9	German
3817819	Gilead Sciences, Inc.	02/07/2019	3817819	19745413.5	
3818927	Shanghai Pulse Medical Technology Inc.	03/09/2018	3818927	18925706.6	
3819005	Fieldcure Co., Ltd.	20/02/2019	3819005	19831280.3	
3819402	LG CHEM, LTD.	03/07/2019	3819402	19830678.9	
3819851	Samsung Electronics Co., Ltd.	30/09/2019	3819851	19868586.9	
3822606	Korea Institute of Science and Technology	10/07/2019	3822606	19834451.7	
3822907	AGFA NV	14/11/2019	3822907	19209050.4	
3824281	Waters Technologies Corporation	19/07/2019	3824281	19749116.0	
3824334	Weatherford Technology Holdings, LLC	16/07/2019	3824334	19756039.4	
3824358	Kindred Systems Inc.	04/09/2019	3824358	19857984.9	
3824621	Activ Surgical, Inc.	19/07/2019	3824621	19838270.7	
3826361	Telefonaktiebolaget LM Ericsson (publ)	21/12/2017	3826361	20216409.1	
3828525	Viavi Solutions Inc.	29/03/2018	3828525	20211683.6	
3828707	THALES	25/11/2020	3828707	20209878.6	French

3828918	Imec VZW	29/11/2019	3828918	19212493.1	
3828926	Analog Devices International Unlimited Company	27/09/2017	3828926	20214001.8	
3828980	GS Yuasa International Ltd.	30/08/2019	3828980	19855520.3	
3829037	Garrett Transportation I Inc.	15/09/2020	3829037	20196284.2	
3830730	Haventec PTY LTD	07/08/2019	3830730	19848073.3	
3831046	EKUA 8 S.R.L.	30/07/2019	3831046	19765810.7	
3831696	Lockheed Martin Corporation	25/11/2020	3831696	20209798.6	
3832412	Tata Consultancy Services Limited	04/12/2020	3832412	20211757.8	
3832450	Taos Data	18/07/2019	3832450	19843274.2	
3832868	Tridonic GmbH & Co. KG	12/03/2019	3832868	21154897.9	
3832921	ZTE Corporation	06/04/2016	3832921	20201352.0	
3834446	QUALCOMM INCORPORATED	07/08/2019	3834446	19753600.6	
3835236	Beijing Geekplus Technology Co., Ltd.	08/08/2019	3835236	19847180.7	
3836093	Imagination Technologies Limited	03/04/2019	3836093	21154612.2	
3836317	Wuhan Telecommunication Devices Co., Ltd.	25/12/2018	3836317	18929513.2	
3836908	University of Pittsburgh - of the Commonwealth System of Higher Education The Trustees of The University of Pennsylvania	16/08/2019	3836908	19849952.7	
3837414	View, Inc.	14/08/2019	3837414	19759832.9	
3837437	C1 Connections Holding B.V.	09/08/2019	3837437	19765564.0	
3838347	Intervet International B.V.	18/12/2019	3838347	19217629.5	
3838983	The Goodyear Tire & Rubber Company	10/12/2020	3838983	20213238.7	
3841482	Advanced Micro Devices, Inc.	26/06/2019	3841482	19740194.6	
3841515	Intuit Inc.	26/07/2019	3841515	19851008.3	
3841912	Royal Canadian Mint/Monnaie Royale Canadienne	28/03/2012	3841912	21153752.7	
3842403	Rolls-Royce Corporation	21/12/2020	3842403	20216039.6	
3842912	VIVO MOBILE COMMUNICATION CO., LTD.	10/07/2019	3842912	19851430.9	
3843693	Beiersdorf AG	02/07/2019	3843693	19735552.2	German
3843872	Schroeder Industries LLC Hydac Filtrertechnik GmbH	09/12/2019	3843872	19874876.6	
3845149	TERUMO Kabushiki Kaisha	26/09/2019	3845149	19867273.5	
3845180	Ethicon LLC	29/12/2020	3845180	20217630.1	
3845699	LG Electronics Inc.	30/08/2019	3845699	19854040.3	
3845857	University of Hyogo	29/08/2019	3845857	19855228.3	
3846001	Samsung Display Co., Ltd.	09/12/2020	3846001	20212612.4	
3846002	Samsung Electronics Co., Ltd.	10/02/2015	3846002	21156096.6	
3846689	Alma Mater Studiorum Universita di Bologna	03/09/2019	3846689	19774181.2	
3847334	Digital Building Solutions GmbH	03/09/2019	3847334	19768917.7	
3847529	Ultrahaptics IP Limited	09/09/2019	3847529	19769198.3	
3847637	Samsung Electronics Co., Ltd.	17/12/2019	3847637	19900857.4	
3848102	Ironburg Inventions Limited	13/09/2016	3848102	21160237.0	
3849151	Beijing Xiaomi Mobile Software Co., Ltd.	25/06/2020	3849151	20182279.8	
3849281	McGrath, William R. Blanchard, Zachary Piluski, Oliver Orzell, Jason Cannon, Neil P.	08/01/2021	3849281	21150796.7	
3850515	Mastercard Technologies Canada ULC	11/09/2019	3850515	19859237.0	
3850838	Qualcomm Incorporated	11/09/2019	3850838	19778714.6	
3851743	LOI Thermprocess GmbH	11/01/2021	3851743	21150879.1	German
3852458	NTT DOCOMO, INC.	10/09/2018	3852458	18933385.9	
3854070	GoPro, Inc.	27/08/2019	3854070	19861548.6	
3854602	Korea Institute of Machinery & Materials	02/10/2019	3854602	19878263.3	
3855246	Aptiv Technologies AG	12/11/2020	3855246	20207221.1	
3855518	Hitachi, Ltd.	31/12/2020	3855518	20217979.2	

3855957	Imperial Tobacco Limited	23/09/2019	3855957	19773806.5	
3856031	Hologic, Inc.	24/09/2019	3856031	19867977.1	
3857303	Qinematiq GmbH	26/09/2019	3857303	19780139.2	German
3857542	Samsung Electronics Co., Ltd.	03/02/2020	3857542	20763060.9	
3857588	Carl Zeiss MultiSEM GmbH	30/09/2019	3857588	19782545.8	German
3858642	HANKOOK TIRE & TECHNOLOGY CO., LTD	11/11/2020	3858642	20206988.6	
3858807	Hyundai AutoEver Corp. HYUNDAI MOTOR COMPANY Kia Corporation	14/01/2021	3858807	21151538.2	
3859071	E.G.O. Elektro-Gerätebau GmbH	18/01/2021	3859071	21151988.9	German
3860441	Delgado, Reynolds	27/09/2019	3860441	19905528.6	
3863099	LG Energy Solution, Ltd.	06/11/2019	3863099	19883207.3	
3863402	Webert, Thomas	11/10/2019	3863402	19790154.9	German
3864941	ElringKlinger AG	08/10/2019	3864941	19786314.5	German
3865703	Siemens Gamesa Renewable Energy A/S	12/02/2020	3865703	20156881.3	
3866329	Hamilton Sundstrand Corporation	12/02/2020	3866329	20275040.2	
3866366	Samsung Electronics Co., Ltd.	09/02/2021	3866366	21155972.9	
3866690	Emory University	21/10/2019	3866690	19873849.4	
3866722	Misle, Gayle	11/10/2019	3866722	19873427.9	
3867706	Patek Philippe SA Genève	17/10/2019	3867706	19790083.0	French
3868042	Samsung Electronics Co., Ltd.	17/10/2019	3868042	19874264.5	
3870075	Auris Health, Inc.	11/12/2019	3870075	19901258.4	
3870789	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Bamberg	24/10/2019	3870789	19795522.2	German
3870909	Turboalgor S.r.l	24/10/2019	3870909	19806052.7	
3871169	KBC Global Services NV	25/10/2019	3871169	19790027.7	
3871265	Atomera Incorporated	13/11/2019	3871265	19817474.0	
3871432	Google LLC	28/10/2019	3871432	19805047.8	
3873571	Janssen Pharmaceuticals, Inc.	18/12/2019	3873571	19836550.4	
3873590	Advanced Neuromodulation Systems, Inc.	01/11/2019	3873590	19880173.0	
3874565	Eaton Intelligent Power Limited	24/10/2019	3874565	19798169.9	
3874749	ATI Technologies ULC	25/06/2019	3874749	19878620.4	
3875216	Makino Milling Machine Co., Ltd.	31/10/2018	3875216	18938436.5	
3875657	LG Electronics Inc.	24/02/2021	3875657	21158950.2	
3875896	Hibot Corporation Ebara Environmental Plant Co., Ltd.	31/10/2019	3875896	19877632.0	
3875982	HUAWEI TECHNOLOGIES CO., LTD.	12/04/2017	3875982	21153681.8	
3877090	Imbox Protection A/S	06/11/2019	3877090	19802066.1	
3877558	ThyssenKrupp Steel Europe AG	07/11/2019	3877558	19801822.8	German
3878793	Otis Elevator Company	09/03/2020	3878793	20161811.3	
3881812	Daio Paper Corporation	08/11/2019	3881812	19885319.4	
3882065	Yanmar Power Technology Co., Ltd.	21/10/2015	3882065	20210413.9	
3883125	ALSTOM Holdings	16/03/2021	3883125	21162818.5	French
3883401	RAI Strategic Holdings, Inc.	05/11/2019	3883401	19802284.0	
3884903	Aesculap AG	02/03/2021	3884903	21160304.8	German
3885237	Aptiv Technologies AG	24/03/2020	3885237	20165402.7	
3886013	Arctic Sea, S.L.	21/11/2018	3886013	18855151.9	
3886068	Leuze electronic GmbH + Co. KG	23/03/2020	3886068	20164820.1	German
3888378	Bose Corporation	25/11/2019	3888378	19824053.3	
3888782	Noxell Corporation	16/12/2015	3888782	21176209.1	
3889222	Henkel AG & Co. KGaA	30/03/2020	3889222	20382247.3	
3889925	Skybell Technologies IP, LLC.	22/07/2014	3889925	21175665.5	
3890246	Beijing Xiaomi Mobile Software Co., Ltd.	29/11/2018	3890246	18941509.4	
3890356	Sonova AG	05/01/2021	3890356	21150214.1	
3891636	British Telecommunications public limited company	01/12/2019	3891636	19809096.1	
3891637	British Telecommunications public limited company	01/12/2019	3891637	19809097.9	
3891638	British Telecommunications public limited company	01/12/2019	3891638	19809098.7	
3892888	Volvo Car Corporation	08/04/2020	3892888	20168632.6	

3892909	Texa S.p.A.	07/04/2021	3892909	21167262.1	
3893603	Miele & Cie. KG	30/03/2021	3893603	21165776.2	German
3895319	Texas Instruments Incorporated	11/12/2019	3895319	19895675.7	
3895908	BRIDGESTONE CORPORATION	08/07/2019	3895908	19896578.2	
3896525	CANON KABUSHIKI KAISHA	12/04/2021	3896525	21167831.3	
3897370	W. L. Gore & Associates, Inc.	23/12/2019	3897370	19842527.4	
3897406	Boston Scientific Scimed, Inc.	28/04/2020	3897406	20727456.4	
3898200	Covestro LLC	17/12/2019	3898200	19839708.5	
3899319	ContiTech Deutschland GmbH	18/12/2019	3899319	19829122.1	
3899861	Leica Microsystems CMS GmbH	11/12/2019	3899861	19829003.3	German
3900152	ENRX IPT GmbH	19/12/2019	3900152	19824322.2	
3900308	Huawei Technologies Co., Ltd.	22/04/2019	3900308	19912451.2	
3900415	Samsung Electronics Co., Ltd.	11/02/2020	3900415	20755953.5	
3901354	Qingdao Haier Drum Washing Machine Co., Ltd.	17/12/2019	3901354	19898315.7	
	Haier Smart Home Co., Ltd.				
3903508	Microsoft Technology Licensing, LLC	20/12/2019	3903508	19845740.0	
3904587	Miele & Cie. KG	15/04/2021	3904587	21168478.2	German
3905075	Roland Corporation	27/04/2021	3905075	21170583.5	
3905775	Beijing Xiaomi Mobile Software Co., Ltd.	28/12/2018	3905775	18944976.2	
3905996	Honeywell Safety Products USA, Inc.	20/02/2019	3905996	19907300.8	
3906137	ABB Schweiz AG	05/12/2019	3906137	19838944.7	
3907093	Yapp Automotive Systems Co., Ltd.	30/12/2019	3907093	19906822.2	
3907639	Integrity Security Services LLC	14/11/2017	3907639	21183157.3	
3908276	Arena Pharmaceuticals, Inc.	08/01/2020	3908276	20703633.6	
3908488	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	19/12/2019	3908488	19831698.6	German
3909350	QUALCOMM Incorporated	08/01/2020	3909350	20703357.2	
3909828	CRRC QINGDAO SIFANG CO., LTD.	03/12/2019	3909828	19908455.9	
3910625	Samsung Electronics Co., Ltd.	25/11/2020	3910625	20209906.5	
3911459	Danieli & C. Officine Meccaniche S.p.A.	16/01/2020	3911459	20705106.1	
3911895	Werkhaus GmbH & Co. KG	16/01/2020	3911895	20701178.4	German
3912952	The Coca-Cola Company	08/09/2017	3912952	21184116.8	
3913940	Koninklijke KPN N.V.	27/11/2015	3913940	21178679.3	
	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO				
3916312	Woidasky, Lars	27/04/2021	3916312	21170767.4	German
3916771	Absolics Inc.	12/03/2020	3916771	20769733.5	
3917616	Takeda Pharmaceutical Company Limited	30/01/2020	3917616	20709748.6	
3918331	Laboratory Corporation of America Holdings	29/01/2020	3918331	20708870.9	
3918343	Universitätsspital Basel	27/01/2020	3918343	20701219.6	
	B.R.A.H.M.S GmbH				
3919022	Cell-Medicine, Inc.	30/01/2020	3919022	20749468.3	
	Nihon Parkerizing Co., Ltd.				
	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY				
	University of Tsukuba				
3920912	Genzyme Corporation	04/02/2020	3920912	20709049.9	
3922374	Sankyo Seisakusho Co.	03/02/2020	3922374	20752809.2	
3923403	LG Energy Solution, Ltd.	27/08/2020	3923403	20856379.1	
3924119	Stolle Machinery Company, LLC	11/12/2019	3924119	19915519.3	
3924917	ecoATM, LLC	11/02/2020	3924917	20709459.0	
3925653	RAI Strategic Holdings, Inc.	20/07/2016	3925653	21191304.1	
3926227	Zhongshan Dashan Photographic Equipment Co., Ltd.	15/02/2019	3926227	19914875.0	
3926407	Toshiba TEC Kabushiki Kaisha	18/03/2021	3926407	21163434.0	
3926638	Glytec, LLC	13/01/2015	3926638	21186597.7	
3927215	Steelcase Inc.	19/02/2020	3927215	20759280.9	

3927950	Scania CV AB	17/02/2020	3927950	20759844.2	
3928095	Deutsches Krebsforschungszentrum Stiftung des öffentlichen Rechts	21/02/2020	3928095	20708393.2	
3928587	QUALCOMM Incorporated	21/02/2020	3928587	20758817.9	
3928722	Neuravi Limited	22/06/2021	3928722	21180773.0	
3929708	Samsung Display Co., Ltd.	29/04/2021	3929708	21171220.3	
3930553	Hilti Aktiengesellschaft	17/02/2020	3930553	20704541.0	German
3931144	Raytheon Company	12/11/2019	3931144	19836703.9	
3931826	Samsung Electronics Co., Ltd.	07/08/2020	3931826	20851479.4	
3933216	Zhejiang Jiechang Linear Motion Technology Co., Ltd	19/04/2019	3933216	19927496.0	
3933253	LG Innotek Co., Ltd.	19/03/2020	3933253	20776930.8	
3934191	Samsung Electronics Co., Ltd.	15/07/2019	3934191	19922358.7	
3934519	MAKO Surgical Corp.	05/03/2020	3934519	20766825.2	
3935727	Siemens Gamesa Renewable Energy A/S	17/04/2020	3935727	20721471.9	
3935903	Samsung Electronics Co., Ltd.	27/03/2020	3935903	20784794.8	
3936034	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	07/07/2017	3936034	21193250.4	
3936821	HIVE BOX NETWORK TECHNOLOGY LIMITED	16/07/2019	3936821	19917743.7	
3937186	HeartFlow, Inc.	08/04/2016	3937186	21191112.8	
3937623	SFS Group AS	13/03/2020	3937623	20773605.9	
3938632	VALEO SYSTEMES THERMIQUES	12/03/2020	3938632	20726183.5	French
3938983	Starship Technologies OÜ	10/03/2020	3938983	20707702.5	
3939036	Qualcomm Incorporated	16/03/2020	3939036	20769410.0	
3939180	Huawei Technologies Co., Ltd.	13/04/2020	3939180	20787195.5	
3939581	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	08/09/2017	3939581	21182341.4	
3939652	Japan Lifeline Co., Ltd.	15/03/2019	3939652	19920118.7	
3940081	Adtec Co., Ltd.	13/04/2020	3940081	20794443.0	
3941554	Imperial Tobacco Limited	17/03/2020	3941554	20715758.7	
3942420	ARM Limited	17/03/2020	3942420	20715148.1	
3943012	CHISON Medical Technologies Co., Ltd.	12/01/2021	3943012	21742291.4	
3943668	Hitachi Construction Machinery Co., Ltd.	12/02/2020	3943668	20776723.7	
3943911	Ventana Medical Systems, Inc.	27/02/2017	3943911	21187992.9	
3943937	Eversens, S.L.	13/03/2020	3943937	20776776.5	
3945113	SUMITOMO CHEMICAL COMPANY, LIMITED	21/07/2021	3945113	21186889.8	
3945419	Samsung Electronics Co., Ltd.	30/04/2021	3945419	21171599.0	
3946187	Solventum Intellectual Properties Company	19/03/2020	3946187	20716939.2	
3947122	Stellantis Auto SAS	05/02/2020	3947122	20709276.8	French
3947816	System 7 Ballast Regulator GmbH	19/03/2020	3947816	20715260.4	German
3948429	Brother Kogyo Kabushiki Kaisha	13/02/2020	3948429	20780042.6	
3949499	Sharp Kabushiki Kaisha	19/03/2020	3949499	20777059.5	
3950759	Mitsui Chemicals, Inc.	26/03/2020	3950759	20784997.7	
3951317	Rothbucher, Georg	22/07/2021	3951317	21187092.8	German
3951915	Samsung SDI Co., Ltd.	11/03/2020	3951915	20782349.3	
3952241	Huawei Technologies Co., Ltd.	24/04/2020	3952241	20794645.0	
3952296	Panasonic Intellectual Property Management Co., Ltd.	23/01/2020	3952296	20782525.8	
3952445	Huawei Technologies Co., Ltd.	20/04/2020	3952445	20794364.8	
3953123	CARBICRETE INC.	09/04/2020	3953123	20787378.7	
3953277	Team Conveyer Royalty A LLC	19/03/2020	3953277	20788309.1	
3953667	Steris, Inc.	08/04/2020	3953667	20722175.5	
3954528	NISSEI ASB MACHINE CO., LTD.	08/04/2020	3954528	20788112.9	
3955009	Virginia Panel Corporation	13/08/2021	3955009	21191395.9	
3955490	Beijing Xiaomi Mobile Software Co., Ltd.	16/04/2019	3955490	19925358.4	
3955538	Huawei Technologies Co. Ltd.	27/04/2020	3955538	20798381.8	
3957194	Shenzhen Smoore Technology Limited	14/08/2021	3957194	21191416.3	
3957417	Pukyong National University Industry - University Cooperation Foundation	17/04/2019	3957417	19924952.5	
3958051	Stanley Electric Co., Ltd.	07/04/2020	3958051	20791589.3	

3958800	Coloplast A/S	23/04/2020	3958800	20723280.2	
3958976	University of Dundee	22/04/2020	3958976	20721195.4	
3959035	SCHOTT AG	23/04/2020	3959035	20723041.8	German
3959108	Robert Bosch GmbH	25/03/2020	3959108	20715001.2	German
3959123	Igus GmbH	23/04/2020	3959123	20721206.9	German
3959136	Safran Nacelles	23/04/2020	3959136	20749928.6	French
3959560	VOLKSWAGEN AKTIENGESELLSCHAFT	01/04/2020	3959560	20719581.9	German
3960065	FUJIFILM Corporation	31/03/2020	3960065	20795229.2	
3960569	Hitachi Astemo, Ltd.	03/04/2020	3960569	20796088.1	
3960658	Jungheinrich Aktiengesellschaft	26/08/2020	3960658	20192811.6	German
3960836	Samsung Display Co., Ltd. Research & Business Foundation Sungkyunkwan University	26/08/2021	3960836	21193196.9	
3960888	JFE Steel Corporation	22/04/2020	3960888	20796035.2	
3961629	Samsung Electronics Co., Ltd.	13/05/2021	3961629	21173742.4	
3961700	Power Integrations, Inc.	13/11/2013	3961700	21202346.9	
3961910	IBC Control AB	20/07/2021	3961910	21186688.4	
3962124	Technology Trace Inc.	24/08/2021	3962124	21020424.4	
3962403	World Class Technology Corporation	30/04/2020	3962403	20799549.9	
3963264	BSH Hausgeräte GmbH	22/04/2020	3963264	20722260.5	German
3963426	Apple Inc.	29/05/2020	3963426	20760607.0	
3963441	Walkme Ltd.	30/04/2019	3963441	19927556.1	
3964125	Technion Research and Development Foundation Ltd.	13/07/2020	3964125	20799004.5	
3965669	Tactical Medical Solutions, LLC	08/05/2020	3965669	20802627.8	
3966476	Atec Pharmatechnik GmbH	09/04/2020	3966476	20720908.1	German
3967947	Qingdao Haier Air-Conditioning Electronic Co., Ltd Haier Smart Home Co., Ltd.	19/03/2020	3967947	20884108.0	
3968048	Canon Medical Systems Corporation	14/09/2021	3968048	21196568.6	
3968155	The Boeing Company	13/09/2021	3968155	21196441.6	
3968658	D&M Holdings Inc.	30/03/2020	3968658	20802954.6	
3969628	ArcelorMittal	30/03/2020	3969628	20716219.9	
3969914	Academia Sinica	12/05/2020	3969914	20805132.6	
3970425	QUALCOMM INCORPORATED	30/03/2020	3970425	20721987.4	
3970645	Biedermann Technologies GmbH & Co. KG	22/09/2020	3970645	20197497.9	
3970863	KRONES AG	09/09/2021	3970863	21195652.9	German
3971698	Apple Inc.	31/05/2017	3971698	21206800.1	
3971969	Samsung Display Co., Ltd.	15/09/2021	3971969	21197004.1	
3972319	Japan Radio Co., Ltd.	23/12/2019	3972319	19928870.5	
3974061	Lauda Dr. R. Wobser GmbH & Co. KG	21/09/2021	3974061	21197969.5	German
3974583	Katu-Karhu Oy	17/09/2021	3974583	21197319.3	
3975523	Nokia Technologies Oy	24/09/2021	3975523	21198832.4	
3975651	Samsung Electronics Co., Ltd.	29/06/2020	3975651	20831905.3	
3977153	VOLKSWAGEN AKTIENGESELLSCHAFT	30/04/2020	3977153	20723387.5	German
3977373	Nokia Solutions and Networks Oy	29/05/2019	3977373	19930224.1	
3977940	Covidien LP	04/12/2020	3977940	20211932.7	
3978349	WBV Weisenburger Bau+Verwaltung GmbH	20/12/2018	3978349	21209567.3	German
3978391	Aer Beatha Limited	21/09/2017	3978391	21211282.5	
3978863	Nidek Co., Ltd.	29/09/2021	3978863	21199673.1	
3979590	Huawei Technologies Co., Ltd. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	29/04/2020	3979590	20933299.8	
3982477	LG Energy Solution, Ltd.	10/07/2020	3982477	20837653.3	
3985739	Samsung Display Co., Ltd.	14/10/2021	3985739	21202666.0	
3985855	Infineon Technologies Austria AG	07/10/2021	3985855	21201379.1	
3990570	Klingelberg Products AS	26/06/2020	3990570	20739487.5	
3990835	Samsung Electronics Co., Ltd.	29/09/2020	3990835	20872362.7	

3991204	Avicenatech, Corp.	26/06/2020	3991204	20833220.5	
3991470	QUALCOMM INCORPORATED	25/06/2020	3991470	20740762.8	
3991822	HAIER SMART HOME CO., LTD.	24/06/2020	3991822	20833037.3	
	HAIER US APPLIANCE SOLUTIONS, INC.				
3992699	Dag, Ishan	27/10/2020	3992699	20204044.0	
3992822	Schneider Electric Industries SAS	29/10/2021	3992822	21205662.6	French
3992867	IQM Finland Oy	30/10/2020	3992867	20204967.2	
3992997	ETA Green Power Ltd.	28/10/2020	3992997	20204340.2	
3993355	GE Aviation Systems LLC	08/10/2021	3993355	21201675.2	
3993973	BW Converting, Inc.	29/06/2020	3993973	20834340.0	
3994566	QUALCOMM INCORPORATED	02/07/2020	3994566	20747274.7	
3994771	Phoenix Contact GmbH & Co. KG	29/06/2020	3994771	20735382.2	German
3995184	Sumitomo Rubber Industries, Ltd.	27/07/2020	3995184	20849415.3	
3995597	Fortum OYJ	10/11/2020	3995597	20206690.8	
3995919	Hitachi, Ltd.	05/11/2020	3995919	20205887.1	
3996692	LTS Lohmann Therapie-Systeme AG	08/07/2020	3996692	20735641.1	
3997030	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	07/07/2020	3997030	20739916.3	German
3997050	Safran Ceramics	30/06/2020	3997050	20746084.1	French
3997713	Beckman Coulter, Inc.	10/07/2020	3997713	20750947.2	
3997763	MyPauze Holding AB	03/07/2020	3997763	20836046.1	
3997855	Proofmarked, Lda	10/07/2020	3997855	20754363.8	
3997867	Magic Leap, Inc.	10/07/2020	3997867	20840332.9	
3997940	ZTE Corporation	12/03/2020	3997940	20837346.4	
3998547	BIGO TECHNOLOGY PTE. LTD.	22/06/2020	3998547	20836409.1	
3999930	Hewlett-Packard Development Company, L.P.	17/11/2019	3999930	19952381.2	
4000163	Siemens Aktiengesellschaft	24/09/2020	4000163	20789465.0	German
4000573	CIAR S.p.A.	14/10/2021	4000573	21202645.4	
4000880	The Boeing Company	10/11/2021	4000880	21207546.9	
4001497	LG Electronics Inc.	16/11/2021	4001497	21208471.9	
4001522	KETTLER GMBH	02/11/2021	4001522	21206009.9	German
4002039	Uptime Holding GmbH	26/08/2021	4002039	21193150.6	German
4002477	Samsung Display Co., Ltd.	23/11/2021	4002477	21210054.9	
4003158	Inspire Medical Systems, Inc.	24/07/2020	4003158	20757995.4	
4003260	Essity Hygiene and Health Aktiebolag	07/07/2020	4003260	20843497.7	
4004345	SAFRAN AIRCRAFT ENGINES	22/07/2020	4004345	20757636.4	French
4005751	LG Electronics Inc.	29/01/2020	4005751	20848058.2	
4006341	Fluke Corporation	29/11/2021	4006341	21211141.3	
4006507	Ayxon-Dynamics GmbH	26/11/2020	4006507	20210113.5	
4007294	Sony Group Corporation	17/07/2020	4007294	20846301.8	
4007588	Yeditepe Universitesi	30/07/2020	4007588	20846224.2	
4008164	Signify Holding B.V.	28/07/2020	4008164	20743731.0	
4008329	Intervet International B.V.	21/12/2015	4008329	21213190.8	
4008388	Covidien LP	22/11/2021	4008388	21209588.9	
4009379	Hitachi Energy Ltd	03/12/2020	4009379	20211584.6	
4009591	OMRON Corporation	19/02/2020	4009591	20850787.1	
4009631	Zhejiang Uniview Technologies Co., Ltd.	30/03/2020	4009631	20850622.0	
4011786	PRATT & WHITNEY CANADA CORP.	09/12/2021	4011786	21213562.8	
4013019	EXFO Inc.	13/12/2021	4013019	21213955.4	
4013330	Convergent Dental, Inc.	14/08/2020	4013330	20764502.9	
4014561	ZTE Corporation	15/08/2019	4014561	19941158.8	
4015235	RFI S.p.A.	14/12/2021	4015235	21214284.8	
4015653	Universita' degli studi di Brescia	16/12/2021	4015653	21215086.6	
	Universita' Degli Studi Di Padova				
4016423	Conex Digital LLC	16/12/2021	4016423	21214978.5	French
4016561	Fujian Golden Dragon Rare-Earth Co., Ltd.	07/07/2020	4016561	20908416.9	
4016847	Synaptics, Incorporated	09/12/2021	4016847	21213371.4	
4017119	ICOMERA AB	17/12/2021	4017119	21215541.0	
4017752	VOLKSWAGEN	13/08/2020	4017752	20757860.0	German
	AKTIENGESELLSCHAFT				

4018316	Micron Technology, Inc.	19/08/2020	4018316	20854663.0	
4018331	Texas Instruments Incorporated	24/08/2020	4018331	20858582.8	
4018416	QUALCOMM INCORPORATED	10/08/2020	4018416	20761429.8	
4018577	Bose Corporation	20/08/2020	4018577	20765418.7	
4018796	Telefonaktiebolaget LM Ericsson (publ)	19/08/2020	4018796	20855412.1	
4019061	Bellco S.r.l.	22/12/2020	4019061	20216613.8	
4019304	Fox Factory, Inc.	28/12/2021	4019304	21218025.1	
4019459	Atokalpa, succursale de Alle de SFF Composants Horlogers S.A.	24/12/2020	4019459	20217299.5	French
4019646	Bonraybio Co., Ltd.	21/12/2021	4019646	21216691.2	
4019799	Honeywell International Inc.	16/12/2021	4019799	21215155.9	
4019805	Yao, Li-Ho	21/12/2021	4019805	21216189.7	
4019996	GE Precision Healthcare LLC	15/12/2021	4019996	21214630.2	
4020118	INTEL Corporation	15/09/2021	4020118	21196820.1	
4020178	INTEL Corporation	23/09/2021	4020178	21198429.9	
4020830	Electronics and Telecommunications Research Institute	11/03/2011	4020830	22152196.6	
4020844	Nokia Solutions and Networks Oy	22/12/2020	4020844	20306662.6	
4021100	T-Mobile USA, Inc.	20/12/2021	4021100	21216036.0	
4021265	SharkNinja Operating LLC	28/08/2020	4021265	20858269.2	
4021668	Edison Welding Institute, Inc.	26/08/2020	4021668	20859184.2	
4022853	Marvell Asia Pte, Ltd.	27/08/2020	4022853	20775404.5	
4023334	CATALER CORPORATION	20/08/2020	4023334	20871225.7	
4023420	The Boeing Company	22/12/2021	4023420	21216894.2	
4023916	Goodrich Corporation	04/01/2021	4023916	21461501.5	
4025157	Eap® Produktions- Und Patentverwertungs- GmbH	02/09/2020	4025157	20785898.6	German
4025491	Dr. Tech. Olav Olsen AS	28/08/2020	4025491	20860825.7	
4025881	Micro Motion Inc.	25/08/2020	4025881	20767685.9	
4026026	Foodea Lab S.r.l.	04/09/2020	4026026	20768407.7	
4026133	Microsoft Technology Licensing, LLC	17/06/2020	4026133	20751814.3	
4026511	Mazor Robotics Ltd.	14/12/2021	4026511	21214406.7	
4026922	NIPPON STEEL CORPORATION	03/09/2020	4026922	20861319.0	
4027565	Nokia Technologies Oy	14/12/2021	4027565	21214261.6	
4027675	Deutsche Telekom AG	07/01/2021	4027675	21150620.9	
4028549	Universität Bielefeld	11/09/2020	4028549	20767854.1	
4028661	Adcanin Inc.	13/07/2020	4028661	20878901.6	
4029411	Wonderland Switzerland AG	24/06/2020	4029411	22158248.9	
4030249	Kanadevia Corporation	09/09/2020	4030249	20862189.6	
4031231	Technoflex	21/09/2020	4031231	20772312.3	French
4031261	I3 Membrane GmbH	30/10/2020	4031261	20796842.1	German
4033071	RTX Corporation	17/01/2022	4033071	22151878.0	
4033775	Robert Bosch GmbH	19/01/2022	4033775	22152285.7	
4034015	IPCA - Instituto Politécnico do Cávado e do Ave	29/09/2020	4034015	20799816.2	
4036245	Biomedical Research Group Inc. Macrophie Inc.	17/09/2020	4036245	20867839.1	
4036452	B-Tech International Limited	31/01/2022	4036452	22154357.2	
4036457	L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	20/12/2021	4036457	21216028.7	French
4036971	Renesas Electronics Corporation	25/01/2022	4036971	22153085.0	
4037462	Yara International ASA	02/10/2020	4037462	20776059.6	
4038333	Glock Technology GmbH	30/09/2020	4038333	20776205.5	German
4038471	Microsoft Technology Licensing, LLC	27/08/2020	4038471	20768220.4	
4038785	QUALCOMM INCORPORATED	02/10/2020	4038785	20793903.4	
4039059	QUALCOMM INCORPORATED	02/10/2020	4039059	20793918.2	
4039204	Gyrus ACMI, Inc. d/b/a Olympus Surgical Technologies America	13/01/2022	4039204	22151413.6	
4039444	Wittmann Battenfeld GmbH	21/01/2022	4039444	22152655.1	German

4039653	Advanced Lithium Electrochemistry Co., Ltd.	15/11/2021	4039653	21208248.1	
4039812	The Penn State Research Foundation	28/02/2018	4039812	22156322.4	
4039950	Yamaha Hatsudoki Kabushiki Kaisha	31/01/2022	4039950	22154246.7	
4040221	Carl Zeiss Vision International GmbH	15/07/2020	4040221	22156003.0	
4040579	LG Energy Solution, Ltd.	29/10/2020	4040579	20898352.8	
4040848	ZTE Corporation	10/08/2020	4040848	20872644.8	
4041105	ClearPoint Neuro, Inc.	25/09/2020	4041105	20792792.2	
4042274	Waters Technologies Ireland Limited	09/10/2020	4042274	20793818.4	
4042631	International Business Machines Corporation	03/09/2020	4042631	20767770.9	
4042780	Nokia Technologies Oy	27/10/2020	4042780	20799665.3	
4043717	Baldwin Filters, Inc.	14/11/2016	4043717	22159842.8	
4043980	Airbus Operations Limited Airbus Opérations SAS	08/02/2022	4043980	22155690.5	
4046310	QUALCOMM INCORPORATED	12/10/2020	4046310	20801067.8	
4046443	Apple Inc.	28/11/2019	4046443	19953871.1	
4047404	LG Innotek Co., Ltd.	08/10/2020	4047404	20877216.0	
4047451	Rockwell Automation Technologies, Inc.	31/01/2022	4047451	22154272.3	
4048217	TOSAMA Tovarna sanitetnega materiala d.o.o.	05/12/2019	4048217	19845733.5	
4048717	Tissium SA	23/10/2020	4048717	20793708.7	
4048951	Steinmüller Babcock Environment GmbH Nippon Steel Engineering Co., Ltd.	16/10/2020	4048951	20808009.3	German
4050309	Viavi Solutions Inc.	03/08/2016	4050309	22162712.8	
4050584	Frequentis Orthogon GmbH	25/02/2021	4050584	21159380.1	
4050788	Daikin Industries, Ltd.	21/10/2020	4050788	20878173.2	
4050821	Sky Italia S.r.L.	24/02/2022	4050821	22158543.3	
4051086	Centre Hospitalier Régional et Universitaire de Brest Université de Bretagne Occidentale	18/09/2020	4051086	20772068.1	
4051149	Bard Peripheral Vascular, Inc.	01/11/2019	4051149	19809285.0	
4051393	ID SPORTS GMBH	20/01/2022	4051393	22702895.8	German
4051524	Audi AG	22/10/2020	4051524	20799639.8	German
4051613	INVENTIO AG	29/10/2020	4051613	20796610.2	German
4052065	Cognitive Systems Corp.	28/10/2020	4052065	20881664.5	
4052099	21stSense OÜ	30/10/2020	4052099	20800838.3	
4053414	Vaillant GmbH	25/02/2022	4053414	22158761.1	German
4053442	Fujikoki Corporation	05/10/2020	4053442	20883337.6	
4053640	ROLEX SA	03/03/2022	4053640	22159906.1	French
4053727	STMicroelectronics (Rousset) SAS	24/02/2022	4053727	22158428.7	French
4054790	Schaeffler Technologies AG & Co. KG	29/09/2020	4054790	20799974.9	German
4054974	Micro Matic A/S	06/11/2020	4054974	20800659.3	
4055595	Microsoft Technology Licensing, LLC	19/10/2020	4055595	20828386.1	
4055784	Sandvine Corporation	29/09/2021	4055784	21863086.1	
4055880	QUALCOMM Incorporated	08/10/2020	4055880	20797635.8	
4056117	Ambu A/S	12/03/2021	4056117	21162348.3	
4056299	Daido Steel Co., Ltd.	06/11/2020	4056299	20884750.9	
4057904	EOS Imaging	14/11/2019	4057904	19839657.4	
4059193	Cisco Technology, Inc.	04/11/2020	4059193	20816701.5	
4060286	Topcon Corporation	18/03/2022	4060286	22162929.8	
4060538	Secure Thingz Limited	17/03/2021	4060538	21163100.7	
4062158	Endress+Hauser Flowtec AG	09/11/2020	4062158	20804208.5	German
4063838	Rigaku Corporation	25/03/2022	4063838	22164256.4	
4064472	Schneider Electric Industries SAS	25/03/2022	4064472	22164268.9	French
4064480	Schneider Electric Industries SAS	25/03/2022	4064480	22164286.1	French
4064596	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	07/02/2020	4064596	20917663.5	
4065209	E Ink Corporation	19/11/2020	4065209	20894183.1	
4065236	Henkel AG & Co. KGaA	14/09/2020	4065236	20780953.4	German
4065484	PA.COTTE SA	19/11/2020	4065484	20807429.4	French
4065661	Mexichem Fluor S.A. de C.V.	12/02/2021	4065661	21708303.9	

4066378	Tubis Technology Inc.	24/11/2020	4066378	20893135.2	
4066744	FUJIFILM Corporation	15/03/2022	4066744	22162213.7	
4067693	Bando Chemical Industries, Ltd.	29/03/2022	4067693	22165036.9	
4067754	ELICA S.p.A.	24/03/2022	4067754	22164216.8	
4067884	Digiray Corp.	15/11/2021	4067884	21208143.4	
4068013	Honeywell International Inc.	09/03/2022	4068013	22161097.5	
4068205	Nio Technology (Anhui) Co., Ltd	30/03/2022	4068205	22165377.7	
4068547	Hitachi Astemo, Ltd.	25/09/2020	4068547	20891995.1	
	Nissan Motor Co., Ltd.				
4069278	Dr. Mary Morris & Associates, LLC	25/11/2020	4069278	20896240.7	
4071309	Weidemann GmbH	09/03/2022	4071309	22161115.5	German
4072714	W. L. Gore & Associates, Inc.	13/10/2020	4072714	20801072.8	
4072722	Firmenich SA	10/12/2020	4072722	20820939.5	
4072834	HELLA GmbH & Co. KGaA	11/12/2019	4072834	19829439.9	
4072926	Stellantis Auto SAS	06/11/2020	4072926	20816555.5	French
4074364	Medi-Globe GmbH	13/04/2022	4074364	22168176.0	German
4074536	Viavi Solutions Inc.	11/04/2022	4074536	22167553.1	
4075338	Robert Bosch GmbH	13/04/2021	4075338	21168181.2	German
4075385	HautAI OÜ	14/04/2021	4075385	21168284.4	
4076579	Gamida Tech	17/12/2020	4076579	20839275.3	
4077899	Siemens Energy Global GmbH & Co. KG	22/01/2021	4077899	21704411.4	German
4077952	THREE SMITH GROUP LIMITED	14/12/2020	4077952	20828103.0	
4078108	VEGA Grieshaber KG	20/12/2019	4078108	19835405.2	German
4078201	Quantum Valley Ideas Laboratories	28/07/2020	4078201	20903817.3	
4078539	Smith&Nephew, Inc.	21/12/2020	4078539	20839206.8	
	Smith & Nephew Orthopaedics AG				
	Smith & Nephew Asia Pacific Pte. Limited				
4079605	Nabtesco Corporation	21/04/2022	4079605	22169211.4	
4079746	Divi's Laboratories Limited	19/07/2021	4079746	21186385.7	
4079808	Polyplastics Co., Ltd.	16/12/2020	4079808	20902490.0	
4080163	INSTITUTE OF SCIENCE TOKYO	19/11/2020	4080163	20902358.9	
4080263	Sony Semiconductor Solutions Corporation	11/12/2020	4080263	20901447.1	
4080267	STANLEY ELECTRIC CO., LTD.	29/01/2021	4080267	21753864.4	
4080481	HONEYWELL INTERNATIONAL INC.	01/12/2021	4080481	21211761.8	
4080867	Canon Kabushiki Kaisha	20/04/2022	4080867	22168949.0	
4081148	Cilag GmbH International	29/12/2021	4081148	21841023.1	
4081757	Amonics Limited	24/12/2020	4081757	20830383.4	
	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO				
4081894	VusionGroup GmbH	23/12/2019	4081894	19832969.0	German
4082401	ZHONGSHAN CITY TONGYIN BABY CO., LTD.	16/03/2021	4082401	21772365.9	
4082453	Versitech Limited	25/04/2022	4082453	22169866.5	
4083543	Aqua Co., Ltd	16/12/2020	4083543	20908248.6	
	Qingdao Haier Refrigerator Co., Ltd				
	Haier Smart Home Co., Ltd.				
4084569	ZTE Corporation	29/10/2020	4084569	20907251.1	
4084591	BULL SAS	27/04/2021	4084591	21170745.0	
4084942	DUPONT POLYMERS, INC.	22/12/2020	4084942	20842862.3	
4085195	VESTAS WIND SYSTEMS A/S	21/12/2020	4085195	20838347.1	
4086052	Riepe GmbH & Co. KG	03/05/2022	4086052	22171461.1	German
4086475	Jatco Ltd	07/12/2020	4086475	20908457.3	
4086521	Miele & Cie. KG	05/04/2022	4086521	22166647.2	German
4086605	Roche Diagnostics Hematology, Inc.	18/06/2012	4086605	22166644.9	
4087049	LG Energy Solution, Ltd.	26/04/2021	4087049	21807735.2	
4087051	Schleifring GmbH	03/05/2021	4087051	21171782.2	
4087642	BIOTRONIK SE & Co. KG	16/12/2020	4087642	20824256.0	
4088206	Disney Enterprises, Inc.	04/01/2021	4088206	21738440.3	
4088671	Zhejiang University	31/08/2021	4088671	21194139.8	
4090269	SMITH & NEPHEW, INC.	18/01/2021	4090269	21705726.4	
	Smith & Nephew Orthopaedics AG				
4090805	Yong, Yoke Keong	23/11/2020	4090805	20823968.1	

4091367	THALES DIS FRANCE SAS	23/12/2020	4091367	20833915.0	German
4091869	VOLKSWAGEN AG	12/04/2022	4091869	22167783.4	
4091887	McLaren Automotive Limited	20/05/2022	4091887	22174677.9	
4092123	CJ CheilJedang Corporation	28/04/2021	4092123	21746310.8	
4092480	LG Innotek Co., Ltd.	11/01/2021	4092480	21740854.1	
4093492	Wyss Center for Bio and Neuro Engineering	22/01/2021	4093492	21705794.2	
4093970	Hess Corporation	28/12/2020	4093970	20915690.0	
4093971	Hess Corporation	22/12/2020	4093971	20915243.8	
4094523	QUALCOMM INCORPORATED	22/01/2021	4094523	21706762.8	
4094568	CNH Industrial Belgium NV	17/01/2022	4094568	22151753.5	
4094995	Littelfuse, Inc.	23/05/2022	4094995	22174774.4	German
4095423	Netafim Ltd.	24/10/2017	4095423	22172102.0	
4096134	Atlas Global Technologies LLC	26/08/2015	4096134	21157869.5	
4096334	ZTE Corporation	11/01/2021	4096334	21743785.4	
4097307	Volvo Autonomous Solutions AB	31/01/2020	4097307	20704215.1	
4098538	Kepco Engineering & Construction Company, Inc.	09/03/2020	4098538	20916575.2	
4098795	BSH Hausgeräte GmbH	29/04/2022	4098795	22170726.8	
4098999	Balin, Nikolai Ivanovich Demchenko, Aleksandr Petrovich	02/12/2020	4098999	20917211.3	
4099073	Largan Precision Co. Ltd.	14/12/2021	4099073	21214276.4	
4099427	PowerCo SE	27/05/2022	4099427	22175722.2	German
4099482	LG Energy Solution, Ltd.	19/08/2021	4099482	21869559.1	
4101437	Shenzhen Eulikan Biotechnology Co., Ltd. Singapore ZE&Z International Pte. Ltd.	05/02/2021	4101437	21753951.9	
4101572	Hirata Corporation	03/04/2020	4101572	20928050.2	
4102339	Siyata Mobile Inc.	28/02/2022	4102339	22159114.2	
4102743	VOLKSWAGEN AG	05/04/2022	4102743	22166692.8	
4102976	TPV GmbH	08/02/2021	4102976	21704253.0	
4103015	Visplay GmbH	12/02/2021	4103015	21705180.4	
4103932	Universitat de Barcelona Technische Universität Braunschweig	11/02/2021	4103932	21706182.9	
4104166	Bose Corporation	10/02/2021	4104166	21717590.0	German
4104375	QUALCOMM INCORPORATED	08/02/2021	4104375	21709290.7	
4104592	QUALCOMM INCORPORATED	12/02/2021	4104592	21710766.3	
4105066	TOYOTA JIDOSHA KABUSHIKI KAISHA	28/04/2022	4105066	22170574.2	
4105993	Wuhan China Star Optoelectronics Semiconductor Display Technology Co., Ltd.	24/03/2020	4105993	20767459.9	
4106335	Roku, Inc.	16/12/2016	4106335	22189137.7	
4106571	On Clouds GmbH	19/02/2021	4106571	21707215.6	
4106907	EMD Millipore Corporation	18/02/2021	4106907	21708385.6	
4107242	Unilever Global IP Limited	26/01/2021	4107242	21702009.8	
4107891	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	12/02/2021	4107891	21704287.8	German
4108129	Panasonic Intellectual Property Management Co., Ltd.	29/01/2021	4108129	21757629.7	
4108340	Alfa Laval Corporate AB	23/06/2021	4108340	21181025.4	
4108544	VOLKSWAGEN AG	05/04/2022	4108544	22166693.6	
4109580	LG Energy Solution, Ltd.	17/11/2021	4109580	21895092.1	
4109603	LG Energy Solution, Ltd.	17/11/2021	4109603	21930590.1	
4109689	Schneider Electric Industries SAS	20/06/2022	4109689	22179792.1	
4109874	Sony Semiconductor Solutions Corporation	10/02/2021	4109874	21757095.1	
4109908	Apple Inc.	01/06/2017	4109908	22188150.1	
4110032	Fuji Corporation	21/02/2020	4110032	20920458.5	French
4111128	BAE Systems Bofors AB	01/02/2021	4111128	21761359.5	
4111618	QUALCOMM INCORPORATED	26/02/2021	4111618	21713807.2	
4111783	QUALCOMM INCORPORATED	24/02/2021	4111783	21712921.2	
4113090	LG Energy Solution, Ltd.	29/07/2021	4113090	21849781.6	
4113244	STMicroelectronics S.r.l.	16/06/2022	4113244	22179366.4	

4114124	Beijing Xiaomi Mobile Software Co., Ltd.	03/01/2020	4114124	22191352.8	German
4114283	Fresenius Medical Care Deutschland GmbH	02/03/2021	4114283	21709650.2	
4114292	Inno4Spine AG	01/03/2021	4114292	21711037.8	
4114644	9T Labs AG	04/03/2021	4114644	21710065.0	German
4115054	Nuovo Pignone Tecnologie - S.r.l.	22/02/2021	4115054	21710180.7	
4115236	E Ink Corporation	05/03/2021	4115236	21765104.1	
4115384	Smiths Detection France S.A.S.	02/03/2021	4115384	21710041.1	German
4115724	Piontek, Axel-Michael	26/04/2022	4115724	22169907.7	
4116338	Life Technologies Corporation	08/02/2013	4116338	22192503.5	
4117179	NXP B.V.	05/07/2021	4117179	21183787.7	French
4117193	Mavenir Networks, Inc.	05/07/2022	4117193	22183021.9	
4117775	Elekta Limited	11/03/2021	4117775	21712127.6	
4117980	BRP Megatech Industries Inc.	09/03/2020	4117980	20714284.5	French
4118337	ATLAS COPCO AIRPOWER N.V.	10/03/2021	4118337	21709735.1	
4118341	Cofimco S.p.A.	04/03/2021	4118341	21710066.8	
4118711	Huawei Technologies Co., Ltd.	07/04/2020	4118711	20717847.6	French
4118712	SPR Therapeutics, Inc.	15/03/2021	4118712	21767544.6	
4118737	SAFRAN	11/03/2021	4118737	21716801.2	
	Université de Lorraine				
4119529	CoteX Technologies Inc.	17/08/2013	4119529	22190880.9	German
4119910	WIKI Alexander Wiegand SE & Co. KG	15/07/2022	4119910	22185107.4	
4120469	Huawei Technologies Co., Ltd.	20/04/2021	4120469	21793047.8	
4120604	Huawei Technologies Co., Ltd.	08/04/2021	4120604	21785582.4	German
4122134	QUALCOMM Incorporated	12/02/2021	4122134	21710364.7	
4122770	Thule Sweden AB	14/08/2019	4122770	22183949.1	
4122843	Beijing Jingdong Zhenshi Information Technology Co., Ltd.	30/03/2021	4122843	21857175.0	German
4123267	Krohne Messtechnik GmbH	12/07/2022	4123267	22184342.8	
4123288	I-PEX Inc.	04/03/2021	4123288	21782315.2	
4123383	Canon Kabushiki Kaisha	12/11/2019	4123383	22189657.4	German
4123574	JRD Communication (Shenzhen) Ltd	27/04/2020	4123574	20925319.4	
4123909	Vilnius Gediminas Technical University	21/07/2021	4123909	21186865.8	
4124155	Huawei Technologies Co., Ltd.	09/04/2021	4124155	21784430.7	German
4124156	Honor Device Co., Ltd.	20/01/2022	4124156	22741143.6	
4124739	PRATT & WHITNEY CANADA CORP.	01/08/2022	4124739	22188162.6	
4125724	Edwards Lifesciences Corporation	19/03/2021	4125724	21719339.0	German
4125731	Arthrex, Inc.	12/03/2021	4125731	21716039.9	
4125826	Bayer Aktiengesellschaft	12/01/2021	4125826	21701054.5	
4127565	Viessmann Holding International GmbH	22/03/2021	4127565	21715191.9	German
4127636	Uromems	01/04/2021	4127636	21723320.4	
4127692	SAFRAN	31/03/2021	4127692	21721153.1	
	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE				
	École Supérieure de Physique et de Chimie Industrielles de la Ville de Paris (ESPCI)				
4127723	Universiteit Gent	25/03/2021	4127723	21713692.8	French
4128239	Silicon Storage Technology Inc.	22/09/2020	4128239	20786400.0	
4128436	Lockheed Martin Corporation	02/04/2021	4128436	21780899.7	
4128618	Telefonaktiebolaget LM ERICSSON (PUBL)	31/03/2020	4128618	20928213.6	French
4128684	ARRIS Enterprises LLC	27/03/2020	4128684	20927544.5	
4129065	Scent Science International Inc.	25/03/2021	4129065	21775596.6	
4129601	Toray Industries, Inc.	22/12/2020	4129601	20926445.6	French
4129613	Fukui Prefectural Government	17/03/2021	4129613	21775492.8	
4129626	TOYOBO CO., LTD.	22/03/2021	4129626	21775107.2	
4129808	HONDA MOTOR CO., LTD.	31/03/2020	4129808	20928033.8	French
4129827	Airbus (S.A.S.)	29/06/2022	4129827	22181719.0	
	Airbus Operations (S.A.S.)				
4130469	Goldwind Science & Technology Co., Ltd.	08/09/2020	4130469	20940343.5	German
4130550	Zumtobel Lighting GmbH	02/08/2022	4130550	22188212.9	
4130671	Samsung Electronics Co., Ltd.	16/02/2021	4130671	21779896.6	
4130756	Suzhou Littelfuse OVS Co., Ltd.	15/07/2022	4130756	22185310.4	

4130841	Leica Mikrosysteme GmbH	04/08/2021	4130841	21189724.4	
4130894	RIKEN	30/03/2021	4130894	21780468.1	
	JEOL Ltd.				
4130913	Tetra Laval Holdings & Finance S.A.	13/07/2022	4130913	22184662.9	
4131165	Brainlab AG	22/03/2017	4131165	22196601.3	
4131265	Harman International Industries, Inc.	14/07/2022	4131265	22184919.3	
4131425	Shanghai Jinko Green Energy Enterprise Management Co., Ltd.	31/08/2021	4131425	21194044.0	
	Zhejiang Jinko Solar Co., Ltd.				
4131618	LG Energy Solution, Ltd.	02/07/2021	4131618	21831718.8	
4131926	Huawei Technologies Co., Ltd.	22/04/2021	4131926	21792314.3	
4132299	Société des Produits Nestlé S.A.	01/04/2021	4132299	21716684.2	
4132366	Verathon, Inc.	06/04/2021	4132366	21723043.2	
4132811	Continental Automotive Technologies GmbH	07/04/2021	4132811	21718526.3	
4133881	Telefonaktiebolaget LM Ericsson (publ)	09/04/2021	4133881	21720025.2	
4134294	CLAAS Selbstfahrende Erntemaschinen GmbH	14/04/2022	4134294	22168283.4	German
4134551	Robert Bosch GmbH	07/07/2022	4134551	22183592.9	
4134750	The Institute of Optics and Electronics The Chinese Academy of Sciences	28/04/2021	4134750	21796326.3	
4135114	LG Energy Solution, Ltd.	02/04/2021	4135114	21825225.2	
4135192	Reel Tech Co., Ltd.	16/02/2021	4135192	21783708.7	
4135956	URSCHEL LABORATORIES, INC.	20/04/2022	4135956	22792420.6	
4136339	Hawe Energy Solutions A/S	07/05/2021	4136339	21725106.5	
4136481	Istituto Nazionale Di Fisica Nucleare (INFN)	12/04/2021	4136481	21723907.8	
4137205	RaySearch Laboratories AB	20/08/2021	4137205	21192314.9	
4138075	Apple Inc.	07/02/2014	4138075	22172862.9	
4138108	Zhejiang Chint Electrics Co., Ltd.	26/12/2020	4138108	20931390.7	
4138526	Delta Electronics Inc.	05/01/2022	4138526	22150351.9	
4139237	Sleeve Technology B.V	26/04/2021	4139237	21732506.7	
4140743	Fuji Corporation	25/04/2020	4140743	20931747.8	
4141112	Korea Advanced Institute of Science and Technology	08/07/2022	4141112	22773389.6	
4141444	NOF Corporation	13/04/2021	4141444	21791612.1	
4141630	Apple Inc.	03/01/2013	4141630	22199771.1	
4142204	TELINK SEMICONDUCTOR (SHANGHAI) CO., LTD.	22/08/2022	4142204	22191420.3	
4142605	Koninklijke Philips N.V.	14/04/2021	4142605	21719571.8	
4142669	T.J.Smith and Nephew,Limited	28/04/2021	4142669	21727083.4	
4142839	Koninklijke Philips N.V.	20/04/2021	4142839	21722113.4	
4143074	Audi AG	12/04/2021	4143074	21721406.3	German
4143491	Minnesota Ice Sculptures L.L.C.	28/04/2021	4143491	21797214.0	
4143790	Koninklijke Philips N.V.	23/04/2021	4143790	21719676.5	
4143929	Lisa Dräxlmaier GmbH	28/04/2021	4143929	21722430.2	German
4143949	Robert Bosch GmbH	22/03/2021	4143949	21715181.0	German
4143973	Robert Bosch GmbH	23/04/2021	4143973	21721491.5	German
4144044	Robert Bosch GmbH	09/04/2021	4144044	21717859.9	German
4144455	JFE Steel Corporation	08/03/2021	4144455	21813399.9	
4144799	Lotte Chemical Corporation	26/04/2021	4144799	21795730.7	
4145099	Ratier-Figeac SAS	02/09/2021	4145099	21306201.1	
4145216	Wuhan China Star Optoelectronics Technology Co., Ltd.	15/06/2020	4145216	20841855.8	
4145618	BYD Company Limited	22/04/2021	4145618	21809626.1	
4146488	Volkswagen AG	21/04/2021	4146488	21721442.8	German
4146636	Amgen Inc.	27/04/2021	4146636	21725656.9	
4146641	Eli Lilly and Company	23/04/2021	4146641	21724971.3	
4147081	Nil Technology ApS	07/05/2021	4147081	21726351.6	
4148313	Cooper-Standard Automotive Inc.	07/09/2022	4148313	22194285.7	
4148420	B/E Aerospace, Inc.	02/09/2022	4148420	22193640.4	
4148557	dSPACE GmbH	08/09/2022	4148557	22194657.7	German

4149057	New H3C Technologies Co., Ltd.	28/05/2021	4149057	21942411.6	
4150715	TE Connectivity Solutions GmbH	10/05/2021	4150715	21725837.5	
4150876	Microsoft Technology Licensing, LLC	21/04/2021	4150876	21724926.7	
4150918	Saint-Gobain Sekurit France	11/05/2021	4150918	21731254.5	French
4152089	LG Innotek Co., Ltd.	26/09/2017	4152089	22201558.8	
4152574	Robert Bosch GmbH	02/08/2022	4152574	22188232.7	German
4153510	Sew-Eurodrive GmbH & Co. KG	20/04/2021	4153510	21720726.5	German
4155039	IMA Schelling Deutschland GmbH	01/09/2022	4155039	22193489.6	German
4155606	Tovis Co. Ltd.	28/04/2021	4155606	21807640.4	
4155958	Information Science Laboratory, Ltd. Nis Plus Co., Ltd.	11/06/2021	4155958	21822815.3	
4156690	Sun Patent Trust	07/08/2013	4156690	22206894.2	
4156844	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	03/07/2020	4156844	20943401.8	
4156876	Honor Device Co., Ltd.	25/08/2021	4156876	21905108.3	
4157180	The Procter & Gamble Company	27/05/2020	4157180	20937378.6	
4159662	ABB SCHWEIZ AG	30/09/2021	4159662	21200089.7	
4159986	MAN Energy Solutions SE	30/09/2022	4159986	22198984.1	German
4160301	Sumitomo Osaka Cement Co., Ltd.	27/09/2022	4160301	22197896.8	
4160592	Samsung Electronics Co., Ltd.	09/04/2020	4160592	22205263.1	
4161121	Arlo Technologies, Inc.	30/09/2022	4161121	22199200.1	
4163587	YOKOGAWA ELECTRIC CORPORATION	05/10/2022	4163587	22199893.3	
4164016	LG Energy Solution, Ltd.	15/04/2022	4164016	22788493.9	
4164718	Hu-Friedy Mfg. Co., LLC	27/05/2021	4164718	21822730.4	
4166731	Välinge Innovation AB	26/06/2014	4166731	22212537.9	
4167673	LG Electronics Inc.	01/02/2017	4167673	22211240.1	
4167724	Villamar, Carlos R.	22/06/2020	4167724	20942307.8	
4168637	Sika Technology AG	17/06/2021	4168637	21733119.8	
4169448	Canon Kabushiki Kaisha	17/10/2022	4169448	22201923.4	
4170161	Hamilton Sundstrand Corporation	17/10/2022	4170161	22201866.5	
4170162	Secop GmbH	24/10/2022	4170162	22203367.2	
4170363	Schneider Electric Industries SAS	05/10/2022	4170363	22199830.5	French
4170367	LG Energy Solution, Ltd.	09/08/2021	4170367	21856159.5	
4170808	Contemporary Amperex Technology (Hong Kong) Limited	25/08/2021	4170808	21931929.0	
4172295	The Lubrizol Corporation	24/06/2021	4172295	21743002.4	
4172633	Laboratory Corporation of America Holdings	25/06/2021	4172633	21745569.0	
4174277	Solaregy GmbH	14/10/2022	4174277	22201516.6	German
4174600	VOLKSWAGEN AG	28/10/2021	4174600	21205426.6	German
4174660	VOLKSWAGEN AG	28/10/2021	4174660	21205427.4	German
4175895	Wallbox Packaging	05/07/2021	4175895	21739372.7	
4177206	Otis Elevator Company	05/11/2021	4177206	21206805.0	
4177294	Covestro LLC	31/10/2022	4177294	22204605.4	
4177859	Fasteners for Retail, Inc.	22/01/2018	4177859	22213868.7	
4178053	Suzhou Institute of Nano-tech and Nano- bionics (SINANO) Chinese Academy of Sciences	19/11/2021	4178053	21894030.2	
4178897	Focke & Co. (GmbH & Co. KG)	25/06/2021	4178897	21742734.3	German
4178962	Novartis AG	06/07/2021	4178962	21740209.8	
4180053	Nantong University	05/08/2020	4180053	20943895.1	
4180076	Air Liquide Medical Systems	19/10/2022	4180076	22202357.4	French
4180136	SUMITOMO METAL MINING CO., LTD.	21/06/2021	4180136	21838108.5	
4180191	Seiko Instruments Inc.	11/11/2022	4180191	22207026.0	
4180519	Memorial Sloan Kettering Cancer Center	14/04/2017	4180519	22197444.7	
4180731	Edilians	10/11/2022	4180731	22206796.9	French
4180847	II-VI Delaware, Inc.	11/11/2015	4180847	22216239.8	
4181575	CANON KABUSHIKI KAISHA	26/04/2018	4181575	22210317.8	
4181992	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	19/07/2021	4181992	21752502.1	German
4182561	Pierburg Pump Technology GmbH	14/07/2020	4182561	20742218.9	

4182719	Witted Srl	13/07/2021	4182719	21745302.6	
4183218	T-Mobile Innovations LLC	08/07/2021	4183218	21748760.2	
4184621	Schaeffler Technologies AG & Co. KG	05/01/2017	4184621	22209297.5	German
4184895	Beijing Xiaomi Mobile Software Co., Ltd.	29/04/2022	4184895	22170860.5	
4185774	Eckerle Technologies GmbH	19/07/2021	4185774	21746688.7	German
4185821	Zehnder Group International AG	19/07/2021	4185821	21746041.9	
4187053	BMPEUROPE S.r.l.	24/11/2022	4187053	22020578.5	
4187108	Saint-Gobain Ecophon AB	29/11/2021	4187108	21211029.0	
4187774	MITSUBISHI ELECTRIC CORPORATION	22/07/2020	4187774	20946158.1	
4188298	The Procter & Gamble Company	31/07/2020	4188298	20946878.4	
4188560	Flying Squirrel Sports, LLC	29/06/2021	4188560	21853483.2	
4188587	TOTALENERGIES ONETECH	27/07/2021	4188587	21752663.1	
4188710	Hanwha Q CELLS GmbH	26/07/2021	4188710	21749590.2	German
4188770	Voith Patent GmbH	27/07/2021	4188770	21749605.8	German
4189501	Siemens Aktiengesellschaft	22/09/2021	4189501	21786773.8	German
4189522	QUALCOMM INCORPORATED	28/07/2021	4189522	21755312.2	
4190415	Salewa Sport AG	24/11/2022	4190415	22209391.6	German
4190566	Sakata INX Corporation	08/07/2021	4190566	21849236.1	
4190702	MITSUBISHI ELECTRIC CORPORATION	03/08/2020	4190702	20948194.4	
4190924	Ningde Brunp Recycling Technology Co., Ltd. Guangdong Brunp Recycling Technology Co., Ltd Hunan Brunp Recycling Technology Co., Ltd. Hunan Brunp Vehicles Recycling Co., Ltd.	03/08/2021	4190924	21857499.4	
4191394	Samsung Electronics Co., Ltd.	18/10/2022	4191394	22202311.1	
4191411	Beijing Baidu Netcom Science Technology Co., Ltd.	05/12/2022	4191411	22211341.7	
4191764	Contemporary Ampere Technology (Hong Kong) Limited	15/10/2021	4191764	21930593.5	
4191956	Malikie Innovations Limited	15/01/2010	4191956	23151288.0	
4192018	Axis AB	03/12/2021	4192018	21212291.5	
4192422	Givaudan SA	16/12/2020	4192422	20841891.3	
4192708	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Coburg	04/08/2021	4192708	21755740.4	German
4193414	JT International S.A.	06/08/2021	4193414	21763249.6	
4193462	Rem Tec S.R.L.	02/08/2021	4193462	21749716.3	
4193943	Olympus Winter & Ibe GmbH	05/12/2022	4193943	22211333.4	German
4194391	STILL GmbH	23/11/2022	4194391	22209039.1	German
4194672	Linde Material Handling GmbH				
4194672	DENSO CORPORATION	08/07/2021	4194672	21853435.2	
4195473	Black & Decker, Inc.	06/12/2022	4195473	22211781.4	
4195595	Huawei Technologies Co. Ltd.	19/07/2021	4195595	21859973.6	
4195596	Vivo Mobile Communication Co., Ltd.	04/08/2021	4195596	21852827.1	
4196665	Siemens Energy Global GmbH & Co. KG	19/08/2021	4196665	21835447.0	
4196752	Analog Devices International Unlimited Company	26/07/2021	4196752	21749189.3	
4197135	QUALCOMM INCORPORATED	20/07/2021	4197135	21755183.7	
4197292	Airthings ASA	21/09/2021	4197292	21782690.8	
4197390	Autoliv Development AB	20/12/2021	4197390	21216088.1	
4197582	ResMed Pty Ltd	02/11/2012	4197582	22204438.0	
4198374	Volvo Construction Equipment AB	20/12/2021	4198374	21216058.4	
4198407	Energy Machines ApS	20/12/2021	4198407	21216044.4	
4198482	dSPACE GmbH	17/12/2021	4198482	21215409.0	German
4198595	Algeco GmbH	16/12/2022	4198595	22214085.7	German
4198739	INTEL Corporation	20/10/2022	4198739	22202734.4	
4199221	LG Energy Solution, Ltd.	16/06/2022	4199221	22825341.5	
4201331	Shanghai United Imaging Healthcare Co., Ltd.	13/09/2021	4201331	21866101.5	

4201722	Suzuki Motor Corporation	14/11/2022	4201722	22207292.8	
4201760	Volkswagen Aktiengesellschaft	25/10/2022	4201760	22203565.1	German
4202572	Omega SA	22/12/2021	4202572	21217076.5	French
4202626	INTEL Corporation	22/11/2022	4202626	22208945.0	
4202892	Dwango Co., Ltd.	02/10/2018	4202892	23157010.2	
4203002	Changxin Memory Technologies, Inc.	06/08/2021	4203002	21932490.2	
4203088	LG Energy Solution, Ltd.	29/07/2022	4203088	22853362.6	
4203210	II-VI Delaware, Inc.	28/09/2017	4203210	23153039.5	
4203748	Evonik Operations GmbH	11/01/2022	4203748	22700032.0	German
4204073	Neurent Medical Limited	31/08/2021	4204073	21807235.3	
4205116	SILICON STORAGE TECHNOLOGY, INC.	04/03/2021	4205116	21716877.2	
4205324	Qualcomm Incorporated	30/08/2021	4205324	21778280.4	
4205572	Shenzhen Smoore Technology Limited	26/08/2021	4205572	21860488.2	
4205815	Dongguan Polyunion Textile Technology Co. Ltd.	08/04/2022	4205815	22167367.6	
4205855	Hiroshima Metal & Machinery Co., Ltd.	01/09/2021	4205855	21879770.2	
4206444	Marelli Europe S.p.A.	30/12/2022	4206444	22217397.3	
4206694	ABB Schweiz AG	03/01/2022	4206694	22150040.8	
4207755	Samsung Electronics Co., Ltd.	11/11/2020	4207755	23158058.0	
4208335	Boegli-Gravures S.A.	02/09/2021	4208335	21777584.0	
4208466	Technische Universität Darmstadt Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	27/08/2021	4208466	21766665.0	
4208694	Endress+Hauser Flowtec AG	16/08/2021	4208694	21765614.9	German
4209537	Kaneka Corporation	03/09/2021	4209537	21864427.6	
4209746	Central Iron & Steel Research Institute	13/07/2021	4209746	21863381.6	
4210028	Nippon Telegraph And Telephone Corporation	16/10/2020	4210028	20957719.6	
4211009	Stellantis Auto SAS	29/07/2021	4211009	21762070.7	French
4211916	QUALCOMM INCORPORATED	14/09/2021	4211916	21798241.2	
4212681	Decoriginals B.V.	13/01/2023	4212681	23151614.7	
4212893	JFE Steel Corporation JFE Advantech Co. Ltd.	06/08/2021	4212893	21866442.3	
4212944	Goertek Optical Technology Co., Ltd.	21/12/2021	4212944	21953029.2	
4213957	Sulzer Management AG	02/11/2021	4213957	21801938.8	
4214399	HYPERTUNNEL IP LIMITED	10/09/2021	4214399	21783351.6	
4214637	Linxens Holding	22/07/2021	4214637	21746749.7	
4215217	SciLogica Corp.	11/03/2022	4215217	22161673.3	
4216128	Worldline	14/12/2018	4216128	23155028.6	French
4217079	Karsten Manufacturing Corporation	24/09/2021	4217079	21873678.3	
4217279	WestRock Packaging Systems, LLC	24/09/2021	4217279	21795118.5	
4217845	Google LLC	07/09/2022	4217845	22783119.5	
4218158	VIASAT INC.	15/10/2021	4218158	21815305.4	
4218355	Google LLC	22/10/2021	4218355	21807432.6	
4218494	Monti-Werkzeuge GmbH	26/01/2022	4218494	22153479.5	German
4218631	Conmed Corporation	27/12/2019	4218631	23163295.1	
4219313	PRATT & WHITNEY CANADA CORP.	21/02/2018	4219313	23164482.4	
4219478	Novartis AG	28/11/2014	4219478	23161775.4	
4222155	UDC Ireland Limited	27/09/2021	4222155	21782984.5	German
4222604	Yangtze Memory Technologies Co., Ltd.	21/12/2021	4222604	21943332.3	
4223545	Illinois Tool Works Inc.	25/07/2018	4223545	23170449.5	
4223596	Aguti Produktentwicklung & Design GmbH	25/01/2023	4223596	23153313.4	German
4223759	Broadenbio Co., Ltd.	03/11/2021	4223759	21888601.8	
4223916	Oskar Dilo Maschinenfabrik KG	14/12/2022	4223916	22213472.8	German
4225441	Endogena Therapeutics, Inc.	05/10/2021	4225441	21801340.7	
4226111	Vertiv S.r.l.	05/10/2021	4226111	21787399.1	
4226138	Illinois Tool Works, Inc.	07/10/2021	4226138	21814949.0	
4227187	ALSTOM Holdings	09/02/2023	4227187	23155761.2	French
4227219	B/E Aerospace, Inc.	15/02/2023	4227219	23156870.0	
4227363	Hyalax Orthopaedics, Inc.	10/08/2016	4227363	23160917.3	
4227375	Honor Device Co., Ltd.	06/09/2022	4227375	22879604.1	

4228228	Samsung Electronics Co., Ltd.	12/11/2021	4228228	21892355.5	
4228927	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Bamberg	18/10/2021	4228927	21801029.6	German
4228987	Bode - Die Tür GmbH				
4228987	Commissariat à l'Energie Atomique et aux Energies Alternatives	10/09/2021	4228987	21777467.8	French
4229366	Endress+Hauser Flowtec AG	13/09/2021	4229366	21777676.4	German
4229390	Imec VZW	14/10/2021	4229390	21794136.8	
4229692	BASF SE	16/09/2021	4229692	21778030.3	
4230200	Niigata University Denka Company Limited	08/03/2022	4230200	22767148.4	
4230874	Hydac Technology GmbH	11/04/2017	4230874	23162104.6	German
4232700	Raytheon Company	10/02/2021	4232700	21763427.8	
4232701	Raytheon Company	10/02/2021	4232701	21763426.0	
4232736	A. Raymond et Cie	09/02/2022	4232736	22705149.7	
4232943	Avery Dennison Retail Information Services LLC	22/10/2021	4232943	21820009.5	
4234191	BMI Deutschland GmbH	03/08/2017	4234191	23174764.3	German
4234204	Asbury Graphite of North Carolina, Inc.	16/09/2016	4234204	23168212.1	
4234394	The Boeing Company	29/04/2020	4234394	23173640.6	
4234977	Univance Corporation	20/07/2021	4234977	21909778.9	
4235016	Signify Holding B.V.	09/12/2011	4235016	23171110.2	
4236524	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	22/10/2020	4236524	20958239.4	
4236581	QUALCOMM Incorporated	27/07/2018	4236581	23174707.2	
4237102	The Chemours Company FC, LLC	28/10/2021	4237102	21811621.8	
4237374	Evonik Operations GmbH	18/10/2021	4237374	21791404.3	German
4237600	Commissariat à l'Energie Atomique et aux Energies Alternatives	25/10/2021	4237600	21801065.0	French
4237919	Danieli Automation S.P.A.	26/10/2021	4237919	21815281.7	
4237953	Xilinx, Inc.	21/06/2021	4237953	21742255.9	
4238193	Quantum Valley Ideas Laboratories	29/10/2021	4238193	21884227.6	
4238354	Telefonaktiebolaget LM Ericsson (publ)	02/11/2021	4238354	21807263.5	
4239105	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	24/03/2021	4239105	21904838.6	
4239229	Carl Freudenberg KG	20/02/2023	4239229	23157473.2	German
4239299	Shibaura Electronics Co., Ltd.	18/01/2022	4239299	22768603.7	
4239999	MITSUBISHI ELECTRIC CORPORATION	02/11/2020	4239999	20959919.0	
4240518	Fresenius Medical Care Deutschland GmbH	03/11/2021	4240518	21805940.0	German
4240782	Huntsman International LLC	04/11/2021	4240782	21801945.3	
4240783	Huntsman International LLC	04/11/2021	4240783	21801946.1	
4241066	IFP Energies nouvelles	21/10/2021	4241066	21798655.3	French
4241137	Pierhor-Gasser SA	01/11/2021	4241137	21802333.1	French
4241613	Simplehuman LLC	15/03/2018	4241613	23189504.6	
4243075	Samsung Display Co., Ltd.	08/03/2023	4243075	23160768.0	
4243109	LG Energy Solution, Ltd.	31/10/2022	4243109	22898873.9	
4243353	Rockwell Automation Technologies, Inc.	15/02/2023	4243353	23156794.2	
4243556	Honor Device Co., Ltd.	16/09/2022	4243556	22880086.8	
4245281	JK-Holding GmbH	11/10/2019	4245281	23189836.2	German
4247884	Materias S.r.l.	17/11/2021	4247884	21811149.0	
4248781	Reusch International GmbH	13/12/2022	4248781	22212976.9	German
4249229	MULTIVAC Sepp Haggenmüller SE & Co. KG	27/01/2023	4249229	23153621.0	German
4249574	ENEOS Corporation	20/12/2021	4249574	21910704.2	
4249853	Tata Consultancy Services Limited	23/02/2023	4249853	23158300.6	
4251546	AUTOSTORE TECHNOLOGY AS	22/11/2021	4251546	21819380.3	
4251958	COROB S.P.A.	26/11/2021	4251958	21834948.8	
4252337	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Würzburg	09/12/2021	4252337	21867869.6	German
4252626	NIDEK CO., LTD.	29/03/2023	4252626	23164941.9	
4253016	Crompton Technology Group Limited	29/03/2022	4253016	22275036.6	

4253094	Sumitomo Rubber Industries, Ltd.	28/02/2023	4253094	23158963.1	
4253262	G.D SOCIETA' PER AZIONI	28/12/2022	4253262	22216914.6	
4253744	TOYOTA JIDOSHA KABUSHIKI	20/03/2023	4253744	23162932.0	
	KAISHA				
4254261	Beijing Goldwind Science & Creation	30/06/2021	4254261	21912969.9	
	Windpower Equipment Co. Ltd.				
4254655	Verily Life Sciences LLC	22/10/2020	4254655	23183095.1	
4254774	GE Aviation Systems LLC	10/08/2017	4254774	23185272.4	
4254916	Beijing Xiaomi Mobile Software Co., Ltd.	29/07/2022	4254916	22187764.0	
4254917	Samsung Electronics Co., Ltd.	11/01/2022	4254917	22746110.0	
4255701	SACMI COOPERATIVA MECCANICI	01/12/2021	4255701	21831354.2	
	IMOLA SOCIETA' COOPERATIVA				
4256210	Siemens Mobility GmbH	13/12/2021	4256210	21839391.6	German
4257257	JFE Steel Corporation	29/10/2021	4257257	21925770.6	
4257279	Robert Bosch GmbH	28/02/2023	4257279	23158906.0	German
4257332	HOSOKAWA ALPINE Aktiengesellschaft	25/01/2023	4257332	23000013.5	German
4257379	Deere & Company	23/03/2023	4257379	23163772.9	
4257421	Adient US LLC	06/04/2023	4257421	23166922.7	German
4257911	Volvo Car Corporation	06/04/2022	4257911	22166908.8	
4258081	Samsung Electronics Co., Ltd.	03/12/2021	4258081	21901066.7	
4258833	Vertiv Corporation	04/04/2023	4258833	23166583.7	
4259108	Queen Mary University of London	13/12/2021	4259108	21839100.1	
4260019	Endress+Hauser Flowtec AG	26/11/2021	4260019	21824490.3	German
4260111	Jabil Optics Germany GmbH	14/12/2020	4260111	20824544.9	
4260321	Tata Consultancy Services Limited	09/12/2021	4260321	21902906.3	
4261056	VOLVO TRUCK CORPORATION	12/04/2022	4261056	22167788.3	
4261057	VOLVO TRUCK CORPORATION	12/04/2022	4261057	22167789.1	
4261132	B/E Aerospace, Inc.	06/04/2023	4261132	23167075.3	
4261402	TOYOTA JIDOSHA KABUSHIKI	20/03/2023	4261402	23162893.4	
	KAISHA				
4261403	TOYOTA JIDOSHA KABUSHIKI	20/03/2023	4261403	23162896.7	
	KAISHA				
4262306	LG Electronics Inc.	11/01/2022	4262306	22736923.8	
4263991	Julius Blum GmbH	14/12/2021	4263991	21830925.0	German
4264195	Endress+Hauser Flowtec AG	26/11/2021	4264195	21823793.1	German
4264201	Endress+Hauser Flowtec AG	26/11/2021	4264201	21824496.0	German
4264217	Syntegon Technology GmbH	15/12/2021	4264217	21839466.6	German
4264688	TERMO-IND SA	18/12/2020	4264688	20838970.0	
4265193	GE Precision Healthcare LLC	12/04/2023	4265193	23167477.1	
4265214	Bei Jing Longwood Valley Medical	22/01/2021	4265214	21904775.0	
	Technology Co. Ltd				
	Zhang, Yiling				
4265464	Volvo Car Corporation	21/04/2022	4265464	22169204.9	
4265706	RESEARCH INSTITUTE OF	15/12/2021	4265706	21907082.8	
	INDUSTRIAL SCIENCE &				
	TECHNOLOGY				
4265945	Nanjing Fobrite Environmental Technology	02/03/2022	4265945	22919277.8	
	Co., Ltd				
4266955	WMF GmbH	24/01/2023	4266955	23701939.3	German
4268399	Bose Corporation	22/12/2021	4268399	21847912.9	
4268712	Masimo Corporation	17/04/2013	4268712	23188724.1	
4269581	RIKEN	24/12/2021	4269581	21915214.7	
4269791	CIFA SpA	29/04/2022	4269791	22425020.9	
4269963	Helmholtz-Zentrum Berlin für Materialien	25/04/2023	4269963	23169805.1	German
	und Energie GmbH				
	Helmholtz-Zentrum hereon GmbH				
4269983	Leica Mikrosysteme GmbH	26/04/2022	4269983	22169921.8	
4270021	Iveco SpA	19/04/2023	4270021	23168668.4	
4270434	Daicel Corporation	27/12/2021	4270434	21915273.3	
4270576	Contemporary Amperex Technology (Hong	18/02/2022	4270576	22920979.6	
	Kong) Limited				
4271967	CheMin GmbH	29/12/2021	4271967	21844770.4	German

4271968	Siemens Aktiengesellschaft	25/03/2022	4271968	22717815.9	
4274509	Solventum Intellectual Properties Company	06/01/2022	4274509	22700193.0	
4274693	Danieli & C. Officine Meccaniche S.p.A.	05/10/2022	4274693	22797847.5	
4275671	Wenzhou Chisa Toys Co., Ltd.	11/01/2021	4275671	21916658.4	
	Shenzhen Beston E-Commerce Co., Ltd.				
4276232	BSH Hausgeräte GmbH	04/04/2023	4276232	23166543.1	German
4276565	Techtronic Cordless GP	27/01/2023	4276565	23153636.8	
4278100	Stellantis Auto SAS	03/11/2021	4278100	21805930.1	German
4278621	Meep-Advanced Enterprise Communication Ltd	23/12/2021	4278621	21922730.3	
4278780	Nokia Technologies Oy	14/01/2021	4278780	21918420.7	
4279084	Vertex Pharmaceuticals Inc.	28/10/2016	4279084	23191483.9	
4279406	MITSUBISHI GAS CHEMICAL COMPANY, INC.	24/12/2021	4279406	21919730.8	
4279870	The Boeing Company	15/02/2023	4279870	23156910.4	
4280581	Capital One Services, LLC	13/03/2020	4280581	23200993.6	
4280698	ZTE Corporation	22/01/2017	4280698	23199048.2	
4282241	Amazonen-Werke H. Dreyer SE & Co. KG	15/05/2023	4282241	23401016.3	German
4284294	NaturalSkn Limited	31/01/2022	4284294	22702779.4	
4284465	CareFusion 303, Inc.	26/01/2022	4284465	22705221.4	
4285202	QUALCOMM INCORPORATED	06/12/2021	4285202	21844434.7	
4285250	Samsung Electronics Co., Ltd.	08/03/2022	4285250	22807595.8	
4285773	Reve Inc.	26/07/2021	4285773	21922981.2	
4285900	Poxel SA	24/06/2021	4285900	23182384.0	
4286711	ZF Friedrichshafen AG	16/02/2021	4286711	23203787.9	German
4287517	Vivo Mobile Communication Co., Ltd.	25/01/2022	4287517	22745225.7	
4287985	Solventum Intellectual Properties Company	04/02/2022	4287985	22703992.2	
4288693	ZKW Group GmbH	10/01/2022	4288693	22700321.7	
4289982	Proterial, Ltd.	03/02/2022	4289982	22749785.6	
4290336	Avago Technologies International Sales Pte. Limited	27/07/2021	4290336	23198432.9	
4291116	Medtronic, Inc.	14/02/2022	4291116	22708658.4	
4291419	Continental Reifen Deutschland GmbH	03/12/2021	4291419	21823759.2	German
4291911	Nearfield Atomics Inc.	15/03/2022	4291911	22720798.2	
4293009	Zogenix International Limited	20/12/2016	4293009	23207021.9	
4293867	LG Energy Solution, Ltd.	04/10/2022	4293867	22907640.1	
4293883	Daikin Industries, Ltd.	03/02/2022	4293883	22770919.3	
4293999	JVC KENWOOD Corporation	23/12/2021	4293999	21925860.5	
4294057	Samsung Electronics Co., Ltd.	06/07/2022	4294057	22856016.5	
4294236	Ferramenta Livenza Srl	17/05/2022	4294236	22728283.7	
4294593	Linde GmbH	21/02/2022	4294593	22706001.9	
4294739	Société des Produits Nestlé S.A.	11/02/2022	4294739	22704921.0	
4295062	MEGA-Line RACING ELECTRONIC GmbH	03/02/2022	4295062	22703634.0	German
4295177	Safran Electronics & Defense	03/02/2022	4295177	22707353.3	French
4295533	Bundesdruckerei GmbH	17/02/2022	4295533	22707081.0	German
	Freie Universität Berlin				
4295781	FUJIFILM Corporation	22/06/2023	4295781	23180926.0	
4296089	Autopedia Co., Ltd.	21/06/2022	4296089	22180161.6	
4296128	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	21/06/2022	4296128	22180222.6	
4296173	Wing Aviation LLC	19/12/2018	4296173	23206977.3	
4296175	GREIF-VELOX Maschinenfabrik GmbH	22/06/2022	4296175	22180478.4	German
4296716	TOYOTA JIDOSHA KABUSHIKI KAISHA	15/05/2023	4296716	23173304.9	
4297847	Boston Scientific Neuromodulation Corporation	24/02/2022	4297847	22711364.4	
	Augusta University Research Institute, Inc.				
4298653	Mersen France SB SAS	24/02/2022	4298653	22713867.4	French
4300034	Airbus Operations GmbH	29/06/2022	4300034	22182054.1	German
4300937	Vestel Elektronik Sanayi ve Ticaret A.S.	29/06/2022	4300937	22181930.3	
4301184	Human Protection B.V.	19/01/2022	4301184	22700695.4	

4301307	Essity Hygiene and Health Aktiebolag	01/03/2021	4301307	21929342.0	
4302010	Pizzato Elettrica S.r.l.	04/03/2022	4302010	22720759.4	
4302697	FUJIFILM Corporation	01/07/2020	4302697	23211658.2	
4302738	Paul Hartmann AG	23/06/2023	4302738	23181260.3	German
4303166	Bomecon Construction & Verhuur B.V.	05/07/2023	4303166	23183527.3	
4303352	Nike Innovate C.V.	03/05/2017	4303352	23204964.3	
4303799	SSenStone Inc.	04/03/2022	4303799	22763635.4	
4304367	Ekaterra Research and Development UK Limited	02/03/2022	4304367	22710052.6	
4305947	CLAAS Selbstfahrende Erntemaschinen GmbH	28/04/2023	4305947	23170567.4	German
4306364	Volvo Truck Corporation	13/07/2022	4306364	22184788.2	
4306937	Maytronics Ltd.	12/07/2023	4306937	23185061.1	
4307142	Giesecke+Devrient Mobile Security Germany GmbH	13/07/2022	4307142	22382664.5	
4307331	Honor Device Co., Ltd.	13/04/2023	4307331	23768108.5	
4307973	Noventa AG	04/05/2021	4307973	21724537.2	German
4308448	Kawasaki Kisen Kaisha Ltd	16/03/2022	4308448	22715081.0	French
4308693	HEMERA S.R.L. Humanitas Mirasole S.p.A.	18/03/2022	4308693	22716392.0	
4308756	Sala, Sergio	07/03/2022	4308756	22709815.9	
4308822	Hilti Aktiengesellschaft	07/03/2022	4308822	22710401.5	
4309158	Zhejiang Dahua Technology Co., Ltd.	11/08/2021	4309158	21937543.3	
4309268	hofer powertrain innovation GmbH	12/05/2023	4309268	23724871.1	German
4309359	Commissariat à l'Energie Atomique et aux Energies Alternatives	07/03/2022	4309359	22713394.9	French
4309485	CNH Industrial Belgium N.V.	19/07/2022	4309485	22185759.2	
4309487	CLAAS Selbstfahrende Erntemaschinen GmbH	28/04/2023	4309487	23170558.3	German
4309488	CLAAS Selbstfahrende Erntemaschinen GmbH	28/04/2023	4309488	23170566.6	German
4310412	Midea Group (Shanghai) Co., Ltd. Guangdong Midea White Home Appliance Technology Innovation Center Co., Ltd. Midea Group Co., Ltd.	19/10/2022	4310412	22891758.9	
4311205	Apple Inc.	30/05/2019	4311205	23214877.5	
4311424	CNH Industrial America LLC	28/07/2023	4311424	23188384.4	
4311670	SCHOTT Pharma Schweiz AG	28/07/2022	4311670	22187524.8	
4311722	Guima Palfinger S.A.S.	25/07/2023	4311722	23187439.7	French
4312183	Qnami AG Technische Universiteit Delft Universität Basel	26/07/2022	4312183	22187009.0	
4313715	Hanl, Simon	22/03/2022	4313715	22728345.4	
4315814	British Telecommunications public limited company	22/02/2022	4315814	22712262.9	
4316409	Stryker Corporation	02/08/2013	4316409	23218571.0	
4316585	Jeisys Medical Inc.	21/04/2022	4316585	22807643.6	
4316792	Toray Industries, Inc.	24/02/2022	4316792	22779679.4	
4317381	Idemitsu Kosan Co.,Ltd.	31/03/2022	4317381	22781324.3	
4318067	Huawei Technologies Co., Ltd.	20/04/2022	4318067	22794709.0	
4318432	RTB GmbH&Co.KG	03/08/2023	4318432	23189395.9	German
4318883	Xiaomi EV Technology Co., Ltd.	30/11/2022	4318883	22210578.5	
4318956	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	16/04/2021	4318956	21936460.1	
4319527	Changxin Memory Technologies, Inc.	28/06/2022	4319527	22764638.7	
4319666	GLW, Inc.	08/04/2022	4319666	22719724.1	
4320134	Archroma (Switzerland) GmbH	06/04/2022	4320134	22721657.9	
4320424	Identinano AB	07/04/2021	4320424	21721404.8	
4320450	ELECTROLUX APPLIANCES AKTIEBOLAG	08/04/2021	4320450	21717441.6	
4320712	Schaeffler Technologies AG & Co. KG	08/03/2022	4320712	22711147.3	German

4321687	SHANGHAI INVESTIGATION, DESIGN & RESEARCH INSTITUTE CO., LTD. Huaneng Jiangsu Clean Energy Branch	20/08/2021	4321687	21938812.1	
4322879	Koninklijke Philips N.V.	06/04/2022	4322879	22721031.7	
4323178	SAFRAN AIRCRAFT ENGINES	04/04/2022	4323178	22719969.2	French
4323232	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Coburg	14/04/2022	4323232	22723089.3	German
4323248	VOLKSWAGEN AKTIENGESELLSCHAFT	05/04/2022	4323248	22720671.1	German
4323261	Rühlicke GmbH	07/04/2022	4323261	22717208.7	German
4323658	igus GmbH	08/04/2022	4323658	22721760.1	German
4323660	igus GmbH	08/04/2022	4323660	22721764.3	German
4323757	ABB SCHWEIZ AG	31/03/2022	4323757	22723755.9	
4324120	Signify Holding B.V.	11/04/2022	4324120	22721403.8	
4324646	MITSUBISHI GAS CHEMICAL COMPANY, INC.	14/03/2022	4324646	22787915.2	
4324949	Jingmen Gem Co., Ltd GEM Co., Ltd.	09/08/2022	4324949	22863039.8	
4325772	Nokia Technologies Oy	29/06/2023	4325772	23182297.4	
4326037	LG Innotek Co., Ltd.	03/04/2020	4326037	23220467.7	
4326038	STMicroelectronics S.r.l.	28/07/2023	4326038	23188320.8	
4326181	Endogenex, Inc.	20/04/2022	4326181	22722622.2	
4326584	Mercedes-Benz Group AG	09/02/2022	4326584	22708456.3	German
4326594	Voith Patent GmbH	13/04/2022	4326594	22718235.9	German
4326599	Stellantis Auto SAS	22/02/2022	4326599	22707169.3	German
4326654	A.Celli Nonwovens S.P.A.	20/04/2022	4326654	22723189.1	
4328428	FERRARI S.p.A.	23/08/2023	4328428	23192866.4	
4328444	LESO sustainable solutions GmbH	14/08/2023	4328444	23191271.8	German
4329612	Ambu A/S	25/04/2022	4329612	22725440.6	
4329635	Smith & Nephew, Inc. Smith & Nephew Orthopaedics AG Smith & Nephew Asia Pacific Pte. Limited	26/04/2022	4329635	22722975.4	
4329897	Pandhora S.r.l.	22/04/2022	4329897	22723192.5	
4330562	ContiTech Deutschland GmbH	06/04/2022	4330562	22718064.3	German
4330801	Texzec, Inc.	12/04/2022	4330801	22720209.0	
4331142	Signify Holding B.V.	22/04/2022	4331142	22724764.0	
4331746	Shenyang Research Institute of Foundry Co., Ltd. CAM	15/11/2022	4331746	22883012.1	
4331809	KRONES Aktiengesellschaft	25/08/2023	4331809	23193373.0	German
4331933	Robert Bosch GmbH	20/04/2022	4331933	22721473.1	
4331993	AIRBUS OPERATIONS	28/08/2023	4331993	23193699.8	French
4331996	AIRBUS OPERATIONS	28/08/2023	4331996	23193698.0	French
4332000	Hamilton Sundstrand Corporation	11/08/2023	4332000	23191171.0	
4332026	CYBORGLINE SA	24/08/2023	4332026	23193239.3	
4332343	tesa SE	23/08/2023	4332343	23192902.7	German
4333040	Samsung Electronics Co., Ltd.	26/06/2023	4333040	23181554.9	
4333713	Koninklijke Philips N.V.	28/04/2022	4333713	22727002.2	
4334171	Wardega, Tomasz	19/04/2022	4334171	22730309.6	
4334410	IFP Energies nouvelles	28/04/2022	4334410	22724111.4	French
4334411	IFP Energies nouvelles	28/04/2022	4334411	22724110.6	French
4334747	Continental Autonomous Mobility Germany GmbH	05/04/2022	4334747	22723340.0	German
4335000	Schleifring GmbH	07/03/2022	4335000	22713396.4	
4335247	BSH Hausgeräte GmbH	27/04/2022	4335247	22725842.3	German
4335742	AIRBUS OPERATIONS (SAS)	01/09/2023	4335742	23194907.4	French
4335993	Shenzhen Aiper Intelligent Co., Ltd.	25/04/2023	4335993	23169896.0	
4336105	ARISTON S.P.A.	23/08/2023	4336105	23192993.6	
4337598	Air Products and Chemicals, Inc.	18/06/2021	4337598	21742232.8	
4337876	Sew-Eurodrive GmbH & Co. KG	19/04/2022	4337876	22723545.4	German
4338583	Usines Claas France S.A.S	15/06/2023	4338583	23179412.4	German
4338936	In-Vision Technologies AG	15/09/2022	4338936	22195785.5	German
4339012	Pierburg GmbH	12/09/2023	4339012	23196849.6	German

4339132	Hai Robotics Co., Ltd.	13/01/2022	4339132	22806199.0	
4340407	mitsubishi electric corporation	15/09/2022	4340407	22306355.3	
4340678	Wiipp GmbH	11/05/2022	4340678	22729099.6	German
4341031	GAZTRANSPORT ET TECHNIGAZ	09/05/2022	4341031	22728211.8	French
4341195	Sew-Eurodrive GmbH & Co. KG	21/04/2022	4341195	22725163.4	German
4341585	Sew-Eurodrive GmbH & Co. KG	25/04/2022	4341585	22723547.0	German
4342690	BRIDGESTONE CORPORATION	23/06/2022	4342690	22852707.3	
4342707	Kubota Corporation	25/09/2023	4342707	23199490.6	
4342736	Thule Sweden AB	02/07/2018	4342736	24156206.5	
4342930	Asahi Kasei Kabushiki Kaisha	18/05/2022	4342930	22804727.0	
4342999	DNAe Diagnostics Limited	15/01/2021	4342999	24155137.3	
4343639	mitsubishi electric corporation	02/07/2021	4343639	21948465.6	
4344439	Matpro Services Corporation	25/07/2022	4344439	22846732.0	
4344685	Purewick Corporation	09/04/2021	4344685	23213343.9	
4344901	Sumitomo Rubber Industries, Ltd.	21/09/2023	4344901	23198803.1	
4344906	Sumitomo Rubber Industries, Ltd.	16/08/2023	4344906	23191643.8	
4344922	Kubota Corporation	22/09/2023	4344922	23199198.5	
4345136	Covestro Deutschland AG	29/09/2022	4345136	22198823.1	German
4345349	Goodrich Corporation	28/09/2022	4345349	22461611.0	
4346069	HONDA MOTOR CO., LTD.	22/09/2023	4346069	23199247.0	
4346165	Samsung SDS Co., Ltd.	10/07/2023	4346165	23184406.9	
4346707	Angiolutions GmbH	06/05/2022	4346707	22728374.4	German
4348086	Robert Bosch GmbH	26/04/2022	4348086	22725494.3	German
4349212	Sudhaus GmbH	29/08/2023	4349212	23193803.6	German
4349715	AIRBUS OPERATIONS (S.A.S.)	15/09/2023	4349715	23197755.4	French
4350132	Albonair GmbH	19/07/2023	4350132	23186437.2	German
4350825	Samsung SDI Co., Ltd.	14/09/2023	4350825	23197360.3	
4350827	LG Energy Solution, Ltd.	04/04/2023	4350827	23784950.0	
4351303	Seiko Epson Corporation	03/10/2023	4351303	23201356.5	
4351886	Continental Reifen Deutschland GmbH	17/12/2021	4351886	21844190.5	German
4352992	British Telecommunications public limited company	07/07/2022	4352992	22748285.8	
4353110	Dainese S.p.A.	10/10/2023	4353110	23202810.0	
4353338	VICTOR RACKETS INDUSTRIAL CORP.	12/10/2023	4353338	23203198.9	
4353767	Covestro LLC	05/10/2023	4353767	23201831.7	
4354254	Samsung Electronics Co., Ltd.	14/09/2022	4354254	22870262.7	
4355602	VOLVO TRUCK CORPORATION	14/06/2021	4355602	21734296.3	
4356746	Agricola S.r.l. Di Bolla	12/10/2023	4356746	23203201.1	
4357025	Hengst SE	21/10/2022	4357025	22202915.9	
4357489	Sichuan Jinko Solar Co., Ltd.	30/12/2022	4357489	22217340.3	
4357559	JINKO SOLAR CO., LTD				
4357559	A.S.Pool	12/10/2023	4357559	23203144.3	French
4359300	Alfa Laval Corporate AB	15/06/2022	4359300	22733134.5	
4359629	ROLLTECH A/S	24/06/2022	4359629	22734635.0	
4359721	Alfa Laval Corporate AB	15/06/2022	4359721	22733440.6	
4359761	Elbit Systems Electro-Optics Elop Ltd.	13/06/2022	4359761	22827842.0	
4360559	Artis Tech Development, S.L.	31/10/2022	4360559	22383050.6	
	Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca				
4360808	TKR Spezialwerkzeuge GmbH	27/09/2023	4360808	23200140.4	German
4361052	Tanzer Maschinenbau Srl	12/10/2023	4361052	23000139.8	German
4363186	AUDI AG	14/06/2022	4363186	22734560.0	German
	Georg Kaufmann Formenbau AG				
4363395	Dow Global Technologies LLC	20/06/2022	4363395	22760808.0	
4363409	Covestro Deutschland AG	28/06/2022	4363409	22738623.2	German
4363940	Volvo Construction Equipment AB	01/07/2021	4363940	21745693.8	
4364564	Anticimex Innovation Center A/S	19/06/2020	4364564	24166016.6	
4365024	Krämer, Michael	06/07/2022	4365024	24166228.7	German
4366035	Cooper-Standard Automotive Inc.	19/10/2023	4366035	23204594.8	

4366502	Väderstad Holding AB	07/07/2022	4366502	22769412.2	
4366787	Signify Holding B.V.	30/06/2022	4366787	22735000.6	
4367314	SEB S.A.	01/07/2022	4367314	22743798.5	French
4367443	Truma Gerätetechnik GmbH & Co. KG	22/03/2022	4367443	22716850.7	German
4368269	Lightuptoys.com LLC	08/11/2023	4368269	23208476.4	
4368328	Korea T&M Co., Ltd	15/09/2023	4368328	23197697.8	
	Lee, Seung Hae				
4368933	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	10/11/2022	4368933	22206671.4	German
4370328	Akzo Nobel Coatings International B.V.	12/07/2022	4370328	22747694.2	
4370329	Akzo Nobel Coatings International B.V.	13/07/2022	4370329	22750716.7	
4370397	Volvo Autonomous Solutions AB	16/07/2021	4370397	21746027.8	
4370844	EXAIL	11/07/2022	4370844	22737509.4	French
4370885	Valeo Schalter und Sensoren GmbH	11/07/2022	4370885	22738499.7	German
4370994	BAE SYSTEMS plc	07/07/2022	4370994	22737982.3	
4371293	T-Mobile Innovations LLC	08/07/2022	4371293	22754601.7	
4371526	3Shape A/S	16/11/2023	4371526	23210343.2	
4372171	Helios Trading NV	16/11/2022	4372171	22207809.9	
4372596	NXP B.V.	08/11/2023	4372596	23208538.1	
4372986	Arkamys	15/11/2023	4372986	23210029.7	French
4373458	Laboratoires Clarins	20/07/2022	4373458	22754124.0	French
4373774	Nexus Srl	14/07/2022	4373774	22750903.1	
4375602	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	24/11/2023	4375602	23211892.7	French
4375717	GlobalFoundries U.S. Inc.	05/10/2023	4375717	23201857.2	
4376126	SK On Co., Ltd.	12/06/2023	4376126	23178733.4	
4376389	Nagravision Sarl	22/11/2022	4376389	22208701.7	
4377014	Tecan Trading AG	18/10/2023	4377014	23793739.6	
4377032	RWTH Aachen	27/07/2022	4377032	22760667.0	German
4377295	F. Hoffmann-La Roche AG	25/07/2022	4377295	22754863.3	
4377721	Reflection Marine Norge AS	29/07/2022	4377721	22764897.9	
4378307	SECOND LIFE COLLECT SYSTEMS, S.L.	02/12/2022	4378307	22383177.7	
4378560	Absolent AB	22/11/2023	4378560	23211464.5	
4378833	AIRBUS OPERATIONS	27/11/2023	4378833	23212191.3	French
4378837	Airbus Operations GmbH	30/11/2022	4378837	22210627.0	German
4379117	Askoll Holding S.r.l. a socio unico	27/11/2023	4379117	23212416.4	
4379312	Himax Technologies Limited	02/12/2022	4379312	22211202.1	
4380551	PHARMA-DATA RESEARCH AND DEVELOPMENT SINGLE MEMBER S.A.	08/08/2022	4380551	22761540.8	
4380892	NEXTCHEM TECH S.p.A.	04/08/2021	4380892	21786603.7	
4381195	Pierburg Pump Technology GmbH	03/08/2021	4381195	21755437.7	
4381905	Signify Holding B.V.	02/08/2022	4381905	22760914.6	
4382220	Contemporary Ampere Technology (Hong Kong) Limited	29/03/2023	4382220	23754698.1	
4382652	Oskar Dilo Maschinenfabrik KG	08/12/2022	4382652	22212187.3	German
4382914	Tianjin Dexiang Biotechnology Co., Ltd.	05/12/2022	4382914	22940937.0	
4383995	Wessex International Machinery	28/09/2022	4383995	22786975.7	
4384047	Fulterer AG & Co KG	03/08/2022	4384047	22760928.6	German
4384336	FOSECO INTERNATIONAL LIMITED	04/08/2022	4384336	22761171.2	
4384500	Centre National de la Recherche Scientifique Université de Montpellier	09/09/2022	4384500	22799854.9	
4384835	Siemens Aktiengesellschaft	01/09/2022	4384835	22770014.3	German
4385050	Safran Electrical & Power	29/07/2022	4385050	22762130.7	French
4385706	HS R & A Co., Ltd.	07/12/2023	4385706	23214825.4	
4385783	MINEBEA ACCESSSOLUTIONS ITALIA S.P.A.	16/12/2022	4385783	22214389.3	
4385784	MINEBEA ACCESSSOLUTIONS ITALIA S.P.A.	16/12/2022	4385784	22214390.1	

4385826	Volvo Car Corporation	14/12/2022	4385826	22213607.9	
4385866	TOYOTA MATERIAL HANDLING MANUFACTURING ITALY S.p.A	19/10/2023	4385866	23204593.0	
4386140	Wirtgen GmbH	07/12/2023	4386140	23215056.5	
4386141	Wirtgen GmbH	07/12/2023	4386141	23214953.4	
4386166	MINEBEA ACCESSSOLUTIONS ITALIA S.P.A.	16/12/2022	4386166	22214388.5	
4386873	Commissariat à l'Energie Atomique et aux Energies Alternatives	08/12/2023	4386873	23215188.6	French
4387748	Louisin Research and Development Limited	19/08/2022	4387748	22765898.6	French
4387800	Fronius International GmbH	13/04/2023	4387800	23720056.3	German
4387925	Topsoe A/S	20/07/2022	4387925	22757215.3	
4388084	CHU de NICE Centre National de la Recherche Scientifique Université Côte d'Azur	09/09/2022	4388084	22785937.8	
4388205	Bümach Engineering International B.V.	18/08/2021	4388205	21783390.4	German
4388382	Google LLC	12/12/2022	4388382	22847673.5	
4388834	International Business Machines Corporation	21/07/2022	4388834	22755127.2	
4389596	General Electric Company	01/02/2023	4389596	23154421.4	
4389985	CCCC First Harbor Engineering Co., Ltd.	01/09/2023	4389985	23852034.0	
4390054	BAUER Maschinen GmbH	22/12/2022	4390054	22215915.4	German
4390340	Imec VZW Katholieke Universiteit Leuven KU Leuven Research & Development	21/12/2022	4390340	22215329.8	
4390415	TOYOTA JIDOSHA KABUSHIKI KAISHA	13/11/2023	4390415	23209318.7	
4391064	Commissariat à l'Energie Atomique et aux Energies Alternatives	18/12/2023	4391064	23217472.2	French
4391069	Commissariat à l'Energie Atomique et aux Energies Alternatives	20/12/2023	4391069	23218847.4	French
4391365	Commissariat à l'Energie Atomique et aux Energies Alternatives	06/12/2023	4391365	23214492.3	French
4392226	KHS GmbH	22/08/2022	4392226	22768679.7	German
4392648	Aquafair AB	10/08/2022	4392648	22761558.0	
4392740	Silicon Microgravity Limited	19/08/2022	4392740	22765185.8	
4392772	Apoha Limited	21/12/2022	4392772	22835470.0	
4393624	AB Sandvik Coromant	27/12/2022	4393624	22216751.2	
4393669	MAX CO., LTD.	22/12/2023	4393669	23219671.7	
4393799	Yamaha Hatsudoki Kabushiki Kaisha	29/11/2023	4393799	23212960.1	
4393864	TOYOTA MATERIAL HANDLING MANUFACTURING ITALY S.p.A	19/07/2023	4393864	24160639.1	
4394157	MANÜCO International KG	12/12/2023	4394157	23215756.0	German
4396477	EagleBurgmann Germany GmbH & Co. KG	19/07/2022	4396477	22751386.8	German
4396488	Signify Holding B.V.	25/08/2022	4396488	22765162.7	
4396500	Belimo Holding AG	22/08/2022	4396500	22768691.2	
4398206	TITAN Umreifungstechnik GmbH & Co.KG	05/01/2023	4398206	23150386.3	German
4398748	Philip Morris Products, S.A.	02/09/2022	4398748	22773308.6	
4398762	Parker, Kevin	07/09/2022	4398762	22777189.6	
4398981	BIOTRONIK SE & Co. KG	02/09/2022	4398981	22769310.8	
4399017	membion GmbH	06/07/2022	4399017	22746983.0	German
4399059	ABB SCHWEIZ AG	07/09/2021	4399059	21773740.2	
4399430	FASTER S.r.l.	07/09/2022	4399430	22777198.7	
4399435	Robert Bosch GmbH	11/08/2022	4399435	22762093.7	German
4399794	Ibis Power Holding B.V.	21/09/2022	4399794	22786122.6	
4400051	St. Jude Medical, Cardiology Division, Inc.	04/12/2023	4400051	23214048.3	
4402494	CALLIDUS GRUPA d.o.o.	15/09/2021	4402494	21778015.4	
4403033	Kalweit, Andreas	11/12/2023	4403033	23215563.0	German
4403211	Siemens Healthineers AG	30/06/2023	4403211	23182866.6	

4403290	TOYOTA JIDOSHA KABUSHIKI KAISHA	14/12/2023	4403290	23216843.5	
4404001	Ricoh Company, Ltd.	11/01/2024	4404001	24151308.4	
4404868	KaVo Dental GmbH	21/09/2022	4404868	22786929.4	German
4408566	AUDI AG	28/09/2022	4408566	22798256.8	German
4409113	SAFRAN AIRCRAFT ENGINES	02/09/2022	4409113	22786057.4	French
4409114	SAFRAN AIRCRAFT ENGINES	02/09/2022	4409114	22786385.9	French
4409126	AUDI AG	28/09/2022	4409126	22786819.7	German
4410184	Wistron Corporation	17/03/2023	4410184	23162532.8	
4410644	Suzuki Motor Corporation	29/01/2024	4410644	24154475.8	
4410653	G. Cartier Technologies	01/02/2024	4410653	24155332.0	French
4413960	Purewick Corporation	26/01/2021	4413960	24177369.6	
4416301	F. Hoffmann-La Roche AG	29/11/2022	4416301	22823002.5	
4417482	SpeedInnov	17/02/2023	4417482	23305214.1	French
4419854	Airbus Defence and Space SAS Commissariat à l'Energie Atomique et aux Energies Alternatives	12/10/2022	4419854	22801140.9	French
4420194	Airbus Defence and Space SAS Tesat-Spacecom GmbH & Co. KG	14/12/2022	4420194	22835039.3	French
4421466	DENSO CORPORATION	06/10/2022	4421466	22883373.7	
4421482	Commissariat à l'Energie Atomique et aux Energies Alternatives	23/02/2024	4421482	24159484.5	French
4425694	VAF Gesellschaft für Verkettungsanlagen, Automationseinrichtungen und Fördertechnik mbH	03/03/2023	4425694	23160033.9	German
4427859	Zhejiang Hailiang Co., Ltd.	04/09/2023	4427859	23195211.0	
4430337	Signify Holding B.V.	04/11/2022	4430337	22812662.9	
4431025	Olympus Corporation	15/03/2024	4431025	24163819.6	
4435345	Tata Consultancy Services Limited	14/03/2024	4435345	24163407.0	
4435366	Polymetrix AG	21/03/2023	4435366	23163005.4	German
4435442	b2 electronics GmbH	13/03/2024	4435442	24163197.7	German
4436516	Koninklijke Philips N.V.	01/11/2022	4436516	22813446.6	
4440377	L'OREAL	04/11/2022	4440377	22818205.1	
4442635	Hangzhou Hikrobot Co., Ltd.	10/08/2021	4442635	24195810.7	
4442804	Tata Consultancy Services Limited	09/02/2024	4442804	24156831.0	
4442919	Red Point Sp. z o.o.	07/04/2023	4442919	23461552.4	
4445584	Telefonaktiebolaget LM Ericsson (publ)	10/12/2021	4445584	21851843.9	
4445921	SKAN AG	26/07/2022	4445921	24192002.4	German
4445977	Novacorp Inc.	05/10/2023	4445977	23201934.9	
4446043	Reishauer AG	11/04/2023	4446043	23167415.1	German
4446232	Airbus Helicopters	24/01/2024	4446232	24153732.3	French
4448911	Luxwall, Inc.	21/11/2023	4448911	23828901.1	
4448957	VESTAS WIND SYSTEMS A/S	09/12/2022	4448957	22844441.0	
4449054	Nanomade Lab	17/12/2022	4449054	22850643.2	French
4449530	CellCube Energy Storage GmbH	13/12/2022	4449530	22838652.0	German
4450303	VOLVO TRUCK CORPORATION	18/04/2023	4450303	23168541.3	
4450981	Siemens Aktiengesellschaft	20/04/2023	4450981	23169015.7	German
4452421	Unilever Global IP Limited	24/10/2022	4452421	22809686.3	
4455421	Brödner, Steffen	14/04/2024	4455421	24170128.3	German
4455531	Parker Hannifin EMEA S.à.r.l.	18/04/2024	4455531	24171124.1	French
4455538	AIRBUS OPERATIONS (S.A.S.)	09/04/2024	4455538	24169271.4	French
4455542	AIRBUS OPERATIONS (S.A.S.)	29/03/2024	4455542	24167911.7	French
4460153	LG ENERGY SOLUTION, LTD.	07/02/2024	4460153	24156211.5	
4460362	Novocure GmbH	30/03/2023	4460362	23719088.9	
4460474	BASF SE	06/04/2023	4460474	23718736.4	
4461573	Carrier Corporation	26/04/2024	4461573	24172810.4	
4461599	WISTRA GmbH Cargo Control	09/05/2023	4461599	23172230.7	German
4464721	BicycleTX Limited	05/10/2020	4464721	24203287.8	
4465163	Samsung Electronics Co., Ltd.	02/05/2024	4465163	24173804.6	
4467094	Shenzhen Ulike Smart Electronics Co., Ltd.	29/12/2023	4467094	23220768.8	
4470884	Weber-Hydraulik GmbH	09/04/2024	4470884	24169113.8	German
4474970	Getac Technology Corporation	26/09/2023	4474970	23199650.5	

4476591	E Ink Corporation	12/04/2023	4476591	23721537.1	
4479794	Carl Zeiss Vision International GmbH	22/12/2022	4479794	22843349.6	
4479864	Google LLC	12/12/2022	4479864	22851113.5	
4480205	Telefonaktiebolaget LM Ericsson (publ)	15/02/2022	4480205	22710493.2	
4481502	FUJIFILM Business Innovation Corp.	16/11/2023	4481502	23210431.5	
4481780	Munich Electrification GmbH	22/06/2023	4481780	23180985.6	
4483090	Signify Holding B.V.	16/02/2023	4483090	23704802.0	
4486471	Nidecker S.A.	21/01/2021	4486471	21701956.1	French
4489001	Dolby International AB	05/09/2011	4489001	24214281.8	
4494225	Scintil Photonics	14/03/2023	4494225	23710066.4	French
4494367	Mercedes-Benz Group AG	15/09/2023	4494367	23772835.7	German
4494719	Eurotramp Trampoline - Kurt Hack GMBH	19/07/2023	4494719	23186303.6	German
4498528	K & N Schalterentwicklungsgesellschaft m.b.H.	28/07/2023	4498528	23188465.1	German
4499802	Esco Medical Technologies, UAB	22/06/2023	4499802	23735981.5	
4504599	Lledo industries	02/02/2024	4504599	24703735.1	French
4505310	International Business Machines Corporation	20/03/2023	4505310	23713616.3	
4506494	Owens Corning Intellectual Capital, LLC	10/08/2023	4506494	23190930.0	
4507781	Steier, Liviu Klose, Thomas	17/07/2023	4507781	23748006.6	German
4511895	AVL List GmbH	08/08/2023	4511895	23772400.0	German
4515197	TTK	13/06/2023	4515197	23730538.8	French
4547587	Slot, Albert Slot, Johannes	20/07/2023	4547587	23748720.2	German
4548065	AVL List GmbH	13/03/2024	4548065	24719040.8	German

Withdrawn – Section 33(1)

S20230498 MINE WATER INFLOW PREDICTION METHOD BASED ON SA-LSTM MODEL. JILIN UNIVERSITY; DAI ZHENXUE; YANG SONGLIN; YIN SHANGXIAN; LIAN HUIQING; YIN HUICHAO; LIU WEI; XU BIN; LI YARUI; CHEN WEI

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.

- 2025021** YUHAN CORPORATION, 74 Noryangjin-ro Dongjak-gu, Seoul
06927, Republic of Korea
(05 June 2025)
Patent No: 3207035; COMPOUNDS AND COMPOSITIONS FOR
MODULATING EGFR MUTANT KINASE ACTIVITIES
Product: lazertinib in all its forms protected by the basic patent
Market Authorisation: Ireland EU/1/24/1886, 21/01/2025
European Union EU/1/24/1886, 21/01/2025
- 2025022** F. HOFFMANN-LA ROCHE AG, Grenzacherstrasse 124, 4070 Basel,
Switzerland
(05 June 2025)
Patent No: 4331604; ANTI-PD-L1 ANTIBODIES AND THEIR USE
TO ENHANCE T-CELL FUNCTION
Product: atezolizumab
Market Authorisation: Ireland EU/1/17/1220, 25/09/2017
European Union EU/1/17/1220, 25/09/2017
- 2025023** SHANGHAI HENLIUS BIOTECH, INC., Room 303, 304, Block 7,
No. 1999 Zhangheng Road Pilot Free Trade Zone, Shanghai, China
(10 June 2025)
Patent No: 3512885; ANTI-PD-1 ANTIBODIES
Product: Serplulimab
Market Authorisation: Ireland EU/1/24/1870, 06/02/2025
European Union EU/1/24/1870, 06/02/2025

Supplementary Protection Certificates Rejected

- 2023008** NUCANA PLC, 77-78 Cannon Street, London EC4N 6AF, United Kingdom
(24/02/2023)
Patent No: 3904365; CHEMICAL COMPOUNDS
Product: sofosbuvir, or a salt thereof, or any other form protected by the basic
patent EP3904365
Market Authorisation: Ireland EU/1/13/894, 17/01/2014
European Union EU/1/13/894, 17/01/2014
Application rejected under Article 10(2) of Regulation (EC) No.
469/2009
-

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.

2020057 NERVIANO MEDICAL SCIENCES S.R.L., Viale Pasteur, 10, 20014 Nerviano
(MI), Italy
(12/06/2025)

Patent No: 2176231; SUBSTITUTED INDAZOLE DERIVATIVES ACTIVE
AS KINASE INHIBITORS

Product: Entrectinib or isomers, tautomers, or pharmaceutically acceptable salts
thereof

Market Authorisation: Ireland EU/1/20/1460, 03/08/2020

European Union EU/1/20/1460, 03/08/2020

Original SPC Expiry Date: 07/07/2033

2021035 REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road
Tarrytown, New York 10591, United States of America
(12/06/2025)

Patent No: 2721065; ANTI-ANGPTL3 ANTIBODIES AND USES THEREOF

Product: evinacumab

Market Authorisation: Ireland EU/1/21/1551, 18/06/2021

European Union EU/1/21/1551, 18/06/2021

Original SPC Expiry Date:

2025022 F. HOFFMANN-LA ROCHE AG, Grenzacherstrasse 124, 4070 Basel,
Switzerland
(05/06/2025)

Patent No: 4331604; ANTI-PD-L1 ANTIBODIES AND THEIR USE TO
ENHANCE T-CELL FUNCTION

Product: atezolizumab

Market Authorisation: Ireland EU/1/17/1220, 25/09/2017

European Union EU/1/17/1220, 25/09/2017

Original SPC Expiry Date:

Application for Extension of the Duration of a Supplementary Protection Certificate Rejected

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.

2023008 NUCANA PLC, 77-78 Cannon Street, London EC4N 6AF, United Kingdom
(24/02/2023)
Patent No: 3904365; CHEMICAL COMPOUNDS
Product: sofosbuvir, or a salt thereof, or any other form protected by the basic patent EP3904365
Market Authorisation: Ireland EU/1/13/894, 17/01/2014
European Union EU/1/13/894, 17/01/2014
Original SPC Expiry Date:
Application rejected under Article 10(2) of Council Regulation (EEC) No. 1768/92

Grant of Extension of Duration of a Supplementary Protection Certificate

The name and address of the grantee follows the number allocated to the granted Supplementary Protection Certificate (SPC). The date in brackets following the name and address is the date of grant of the extension of the certificate. The number of the basic patent and the title of the invention are followed by the name of the product for which the certificate was granted. Market authorisation references in respect of the product concerned are also shown, followed by the new date of expiry of the certificate.

2015017 BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, Binger Strasse
173, 55216 Ingelheim am Rhein, Germany
28/09/2023
Patent No: 1224170; 6-POSITION SUBSTITUTED INDOLINE,
PRODUCTION AND USE THEREOF AS A MEDICAMENT
Product: Vargatef - nintedanib, the tautomers and the physiologically acceptable salts thereof
Market Authorisation: Ireland EU/1/14/954/001 - 004, 21/11/2014
European Union EU/1/14/954/001 - 004, 21/11/2014
Expiry Date of Extension of SPC: 08/04/2026

2017057 DANA-FARBER CANCER INSTITUTE, LLC, 450 Brookline Park Drive,
Boston, MA 02215, United States of America
GENETICS INSTITUTE, LLC, 87 Cambridge Park Drive, Cambridge, MA
02140, United States of America
17/08/2023
Patent No: 1210428; PD-1, A RECEPTOR FOR B7-4, AND USES THEREFOR
Product: Atezolizumab
Market Authorisation: Ireland EU/1/17/1220, 21/09/2017

Expiry Date of Extension of SPC: 22/02/2026

Patents Expired

84429	Int. Cl. (2025.01) A61K 31/00; A61P 11/00; A61K 31/137; A61K 31/167 . Combinations comprising antimuscarinic agents and beta-adrenergic agonists. Almirall, S.A.
84738	Int. Cl. (2025.01) G06F 9/00 . Method for dynamically managing multicast sessions for software downloads and related systems. DELL RESEARCH
85273	Int. Cl. (2025.01) F24H 9/00; F24D 19/00 . Condensing unit. WARMFLOW ENGINEERING COMPANY LIMITED
85307	Int. Cl. (2025.01) F21V 23/00; G01J 1/00; G01R 19/00; G01R 21/00; H04N 5/00; G01J 1/44 . A controller. SELC Group Limited
85346	Int. Cl. (2025.01) E04B 7/00; E04D 3/00 . A panel. KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED
S86620	Int. Cl. (2025.01) A42B 3/00; A63B 71/00 . A helmet. BRENDAN KELLY
1594025	Method and heating device for controlling a temperature. Stiebel Eltron GmbH & Co. KG
1595480	Automated coffee machine. Rex-Royal AG
1596192	Methode for separating proteins by capillary electrophoresis and buffer composition for capillary electrophoresis. SEBIA
1598020	Medical treatment device. Pasricha, Pankaj Jay; Olympus Corporation
1600093	Suction nozzle for a vacuum cleaner. New Ermes Europe S.p.A.
1600209	Heat exchange reactor. Topsoe A/S
1604623	Posterior stabilized mobile bearing knee. Depuy Products, Inc.
1605126	Door closer. SAMUEL HEATH & SONS PLC

1607248	A load-detecting device. Deere & Company
1616820	Spiral vibratory conveyor. Afag Holding AG
1632834	Method for access control to an application program. Agenda Informationssysteme GmbH
1636190	STABLE CRYSTAL OF 4-OXOQUINOLINE COMPOUND. Japan Tobacco, Inc.
1685763	Synergism of GOS and polyfructose. N.V. Nutricia
1728529	Device for delivering medicament. SHL Medical AG
1737163	A METHOD FOR REALIZING A VIRTUAL NET-ELEMENT. Huawei Technologies Co., Ltd.
1737928	PROCESS FOR THE TREATMENT OF CRUDE OIL VIA THE SEPARATION OF A WATER-IN-OIL HYDROCARBON EMULSION AND APPARATUS FOR IMPLEMENTING THE SAME. TotalEnergies OneTech
1740605	GRIFFITHSIN, GLYCOSYLATION-RESISTANT GRIFFITHSIN, AND RELATED CONJUGATES, COMPOSITIONS, NUCLEIC ACIDS, VECTORS, HOST CELLS, METHODS OF PRODUCTION AND METHODS OF USE. Government of the United States of America as represented by The Secretary of the Department of Health and Human Services
1740702	CANINE GHRH GENE, POLYPEPTIDES AND METHODS OF USE. Boehringer Ingelheim Animal Health USA Inc.
1742539	CHEESE AND METHODS OF MAKING SUCH CHEESE. LEPRINO FOODS COMPANY
1743249	APPARATUS, SYSTEM, AND METHOD FOR ADAPTIVE-RATE SHIFTING OF STREAMING CONTENT. DISH Technologies L.L.C.
1744772	FLAXSEEDS FOR BODY WEIGHT MANAGEMENT. University of Copenhagen
1745491	OPTOELECTRONIC TWEEZERS. The University Court of the University of St. Andrews
1746976	LIPOSOMES USEFUL FOR DRUG DELIVERY. IPSEN BIOPHARM LTD.
1747036	Inhaler device. Novartis AG
1747281	ELECTROCHEMICAL ASSAY DEVICE AND RELATED METHODS. AgaMatrix, Inc.

- 1747450 CONNECTOR CONFIGURATION FOR ELECTROCHEMICAL CELLS AND METERS FOR USE IN COMBINATION THEREWITH. Agamatrix, Inc.
- 1747472 FIBRE OPTIC SENSOR METHOD AND APPARATUS. Pure Technologies Ltd.
- 1747622 SATELLITE COMMUNICATIONS SYSTEMS AND METHODS USING RADIOTELEPHONE LOCATION-BASED BEAMFORMING. ATC Technologies, LLC
- 1748701 METHODS AND COMPOSITIONS INVOLVING WHEY PROTEIN ISOLATES. WISCONSIN ALUMNI RESEARCH FOUNDATION
- 1748733 SELF-TENSIONING VASCULAR OCCLUSION DEVICE. Cardiva Medical, Inc
- 1748780 METHODS AND RELATED COMPOSITIONS FOR REDUCTION OF FAT. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center; The Regents of the University of California
- 1749027 GENE PRODUCTS EXPRESSED DIFFERENTIALLY IN TUMORS AND USE THEREOF. Astellas Pharma Inc.
- 1749082 USE OF COPPER AND ITS DERIVATIVES FOR THE DECONTAMINATION OF PRIONS. Centre National de la Recherche Scientifique (C.N.R.S.)
- 1749098 CHIMERIC ADENOVIRUSES FOR USE IN CANCER TREATMENT. Psioxus Therapeutics Limited
- 1750592 LOCKING MECHANISMS FOR FIXATION DEVICES. Evalve, Inc.
- 1750631 BALLOON CATHETER WITH BALLOON COMPRISING NANOTUBES. Boston Scientific Limited
- 1750662 FOAMED CLEANSER WITH SUSPENDED PARTICLES, A METHOD OF PRODUCING SAME, AND A DISPENSER THEREFORE. Deb IP Limited
- 1750716 TREATMENT OF T-CELL LYMPHOMA USING 10-PROPARGYL-10-DEAZAAMINOPTERIN. Sloan-Kettering Institute For Cancer Research
- 1750766 Pharmaceutical formulations and uses thereof in the treatment of female sexual dysfunction. EB IP LYBRIDO B.V.
- 1750833 METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL. ENTEGRIS, INC.
- 1750898 DEVICE FOR ENABLING THE DISPLACEMENT OF PARTS INSIDE A CONDUIT. ERIS; F2 C2 System

- 1751066 VARIOUSLY CONFIGURABLE ROTATING BIOLOGICAL CONTACTOR. Miller, Gary E.; Miller, Barbara J.
- 1751249 SELF-STEAMING COMPOSITIONS, ARTICLES COMPRISING SUCH COMPOSITIONS AND METHODS OF PREPARING SUCH COMPOSITIONS. Angelini Pharma Inc.
- 1751276 VACCINE COMPRISING AN ATTENUATED PESTIVIRUS. Boehringer Ingelheim Vetmedica GmbH
- 1751289 TC-83-DERIVED ALPHAVIRUS VECTORS, PARTICLES AND METHODS. Alphavax, Inc.
- 1751314 NANO-PCR: METHODS AND DEVICES FOR NUCLEIC ACID AMPLIFICATION AND DETECTION. Nanobiosym, Inc.
- 1751470 IGNITER SYSTEMS. CoorsTek, Inc.
- 1751890 MODIFIED PREAMBLE STRUCTURE FOR IEEE 802.11A EXTENSIONS TO ALLOW FOR COEXISTENCE AND INTEROPERABILITY BETWEEN 802.11A DEVICES AND HIGHER DATA RATE, MIMO OR OTHERWISE EXTENDED DEVICES. QUALCOMM Incorporated
- 1751923 MULTIMEDIA ACCESS DEVICE AND SYSTEM EMPLOYING THE SAME. Prodea Systems, Inc.
- 1751954 Queuing system, method and computer program product for managing the provision of services over a communications network. Orderly Mind Limited
- 1751988 SEAMLESS SWITCHING BETWEEN RANDOM ACCESS UNITS MULTIPLEXED IN A MULTI ANGLE VIEW MULTIMEDIA STREAM. Panasonic Corporation
- 1753406 COATED TABLET FORMULATION AND METHOD. AstraZeneca AB
- 1753427 USE OF SUBSTITUTED QUINOLINE DERIVATIVES FOR THE TREATMENT OF DRUG RESISTANT MYCOBACTERIAL DISEASES. Janssen Pharmaceutica NV
- 1753461 STABILIZED COMPOSITIONS COMPRISING A THERAPEUTICALLY ACTIVE AGENT, CITRIC ACID OR A CONJUGATED BASE AND CHLORINE DIOXIDE. ALLERGAN, INC.
- 1753489 RELEASABLE COUPLING AND INJECTION DEVICE. Cilag GmbH International
- 1753490 INJECTION DEVICE. Cilag GmbH International
- 1753515 PERSONAL HEIGHT RESCUE APPARATUS. Fallsafe Limited

1753665	COMPOSITE CARDBOARD CAN. Weidenhammer Packaging Group GmbH
1753713	SYNTHESIS OF TETRACYCLINES AND ANALOGUES THEREOF. President and Fellows of Harvard College
1753738	Pyrrole compounds as inhibitors of ERK protein kinases and pharmaceutical compositions containing these compounds. Vertex Pharmaceuticals Inc.
1753747	5,6-DIPHENYL-1,2,4-TRIAZINIC DIMERIC DERIVATIVES AND THE USE THEREOF IN THE FORM OF SUN-PROTECTIVE AGENTS. Pierre Fabre Dermo-Cosmétique; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); UNIVERSITE CLAUDE BERNARD - LYON 1
1753798	ABRASION RESISTANT COATINGS. Hontek Corporation
1753871	ANTIBODIES AND RELATED MOLECULES THAT BIND TO PSCA PROTEINS. Agensys, Inc.
1754293	SPACER DAMPER FOR ELECTRICAL CABLES. Preformed Line Products (GB) Limited
1755494	CONDITIONING DEVICE FOR INJECTING THE INTRAOCULAR LENS. Laboratoire de Contactologie Appliquée - LCA
1755516	METHODS OF PACKAGING INTRAVAGINAL DEVICE. Johnson & Johnson Consumer Inc
1755521	A medical fluid bag arrangement and a method of providing, arranging and treating medical fluids. Fresenius Medical Care Deutschland GmbH
1755524	FEEDING BOTTLE. Mayborn (UK) Limited
1755561	MULTI-LAYER TABLET COMPRISING NON-STEROIDAL ANTI-INFLAMMATORY DRUGS DECONGESTANTS AND NON-SEDATING ANTIHISTAMINES. PF Consumer Healthcare 1 LLC
1755596	PROCESS FOR PREPARING ATAZANAVIR BISULFATE AND NOVEL FORMS. Bristol-Myers Squibb Holdings Ireland Unlimited Company
1755661	GELSOLIN FOR USE IN TREATING INFECTIONS. THE BRIGHAM AND WOMEN'S HOSPITAL, INC.
1755707	INJECTION DEVICE. Cilag GmbH International
1755708	INJECTION DEVICE. Cilag GmbH International
1755710	INJECTION DEVICE. Cilag GmbH International
1755711	INJECTION DEVICE. Cilag GmbH International
1755712	INJECTION DEVICE. Cilag GmbH International
1755713	INJECTION DEVICE. Cilag GmbH International

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- 1755971 MESH BAG. LC Packaging International B.V.
- 1756063 AMIDO COMPOUNDS AND THEIR USE AS
PHARMACEUTICALS. Incyte Holdings Corporation
- 1756149 LIVE, ORAL VACCINE FOR PROTECTION AGAINST SHIGELLA
DYSENTERIAE SEROTYPE 1. THE GOVERNMENT OF THE
UNITED STATES OF AMERICA, as
represented by THE SECRETARY, DEPARTMENT OF HEALTH
AND HUMAN SERVICES
- 1756278 METHOD OF IMPROVING T CELL RECEPTORS. Adaptimmune
Limited; Immunocore Limited
- 1756325 PALLADIUM ALLOY. Deringer-Ney, Inc.
- 1756438 Steel framework of a building. Woolstencroft, David
- 1756706 CODE GENERATION TECHNIQUES. Code Valley Corp Pty Ltd
- 1756735 SYSTEM AND METHOD FOR DISSEMINATING COLOR INK
AND COLORANT FORMULAS. Sun Chemical Corporation
- 1759013 IDENTIFICATION OF SURFACE-ASSOCIATED ANTIGENS FOR
TUMOR DIAGNOSIS AND THERAPY. BioNTech AG
- 1759042 PATTERNED CLEANING CARD AND METHOD OF
MANUFACTURING SAME. KICTeam, Inc.
- 1759521 ADVANCED CONTACT IDENTIFICATION SYSTEM. Synchronoss
Technologies, Inc.
- 1759536 IN VITRO TECHNIQUES FOR USE WITH STEM CELLS. Kwalata
Trading Limited
- 1761176 SUTURE DEVICES. Ethicon, LLC
- 1761540 QUINAZOLINONES AS INHIBITORS OF HUMAN
PHOSPHATIDYLINOSITOL 3-KINASE DELTA. ICOS
CORPORATION
- 1762056 DYNAMIC SERVICE INFORMATION FOR THE ACCESS
NETWORK. Nokia Technologies Oy
- 1763339 ORAL ANTIMICROBIAL PHARMCEUTICAL COMPOSITIONS.
Cosmo Technologies Ltd
- 1763636 ROLLER PUMP. Fresenius Medical Care Deutschland GmbH
- 1765310 A MIXTURE FOR TRANSDERMAL DELIVERY OF LOW AND
HIGH MOLECULAR WEIGHT COMPOUNDS. ORYXE
- 1765396 ANTI-PSGL-1 ANTIBODIES. AltruBio Inc.
- 1765418 METHOD FOR ENHANCING PRODUCTION OF ISOPRENOID
COMPOUNDS. The Regents of the University of California
- 1765735 SLUDGE TREATMENT PROCESS. BCR Environmental Corporation
-

1765860	HIGH AFFINITY NY-ESO T CELL RECEPTOR. Adaptimmune Limited
1766839	SYSTEM AND METHOD FOR BLOCKING UNAUTHORIZED NETWORK LOG IN USING STOLEN PASSWORD. Anakam, Inc.
1766972	METHOD AND SYSTEM FOR DISPLAYING ENHANCED CONTENT. Liberty Global Europe Holding B.V.
1769378	E-MAIL DELIVERY SYSTEM USING METADATA ON E-MAILS TO MANAGE VIRTUAL STORAGE. StrongView Systems, Inc.
1771151	COMPOSITION, COMPRISING HYDROFLUORIC ACID, FOR INHIBITING DENTAL EROSION. ZpearPoint AS
1771450	COMPOUNDS AND METHODS FOR INHIBITING MITOTIC PROGRESSION BY INHIBITION OF AURORA KINASE. MILLENNIUM PHARMACEUTICALS, INC.
1773700	METHOD AND APPARATUS FOR WINDING UP CORELESS OR SOFT-CORE ROLLS OF FILM MATERIALS. NO.EL. S.R.L.
1773752	REMOVAL OF ALKYL ALKANESULFONATE ESTERS FROM ALKANESULFONIC ACIDS AND OTHER ORGANIC MEDIA. Arkema, Inc.
1773978	PERFUSED THREE-DIMENSIONAL CELL/TISSUE DISEASE MODELS. University of Pittsburgh - Of The Commonwealth System of Higher Education; MASSACHUSETTS INSTITUTE OF TECHNOLOGY
1781084	MILKING DEVICES. DeLaval Holding AB
1781291	OPIOIDS FOR THE TREATMENT OF THE RESTLESSNESS OF THE LOWER LIMBS. Mundipharma Pharmaceuticals Limited
1789352	METHOD FOR WINDING AND REMOVING CORELESS ROLLS FROM A SPINDLE. NO.EL. S.R.L.
1789405	NOVEL ENANTIOMERICALLY PURE BETA-AGONISTS, METHOD FOR THE PRODUCTION AND THE USE THEREOF IN THE FORM OF A DRUG. BOEHRINGER INGELHEIM INTERNATIONAL GMBH
1795218	Injection device. Cilag GmbH International
1893410	NOZZLE PLATE FOR AN INK JET PRINT HEAD COMPRISING STRESS RELIEVING ELEMENTS. SICPA HOLDING SA
1896114	USER INTERFACE FOR REMOTE CONTROL CATHETERIZATION. Siemens Healthineers Endovascular Robotics, Inc.

1905773	Compounds and methods for inhibiting mitotic progression by inhibition of aurora kinase. MILLENNIUM PHARMACEUTICALS, INC.
2018003	Apparatus and associated method for facilitating a radio resource measurement in a radio communication system. Nokia Technologies Oy
2070530	Treatment of diseases associated with the use of antibiotics. MERCK SHARP & DOHME LLC
2204146	Footwear orthosis. OPTIMA MOLLITER SRL
2207172	Wobble information recording method, information recording medium, and recording and reproduction method and apparatus thereof. Panasonic Corporation
2228064	Pharmaceutical composition containing glycopyrrolate and a beta2 adrenoceptor agonist. Novartis AG
2248567	Squirting toy. Easebon Services Limited
2270196	Assay for drug discovery based on in vitro differentiated cells. AXIOGENESIS AG
2275066	Intravaginal device with fluid transport plates. Johnson & Johnson Consumer Inc
2280267	DEVICE AND METHOD FOR DETECTING MOLECULAR INTERACTIONS. Alere Technologies GmbH
2290351	Device and method for detecting molecular interactions. CLONDIAG GmbH
2298288	Coated tablet formulation and method. AstraZeneca AB
2299257	DEVICE AND METHOD FOR DETECTING MOLECULAR INTERACTIONS. Alere Technologies GmbH
2305244	Treatment of diseases associated with the use of antibiotics. MERCK SHARP & DOHME LLC
2305245	Treatment of diseases associated with the use of antibiotics. MERCK SHARP & DOHME LLC
2305335	Injection device. Cilag GmbH International
2315368	Method and apparatus for dynamically allocating H-ARQ processes. InterDigital Technology Corporation
2319560	Injection device. Cilag GmbH International
2335722	Use of gelsolin to treat infections. The Brigham and Women's Hospital, Inc.
2338332	HOLLOW GLUCAN PARTICLE OR CELL WALL PARTICLE ENCAPSULATING A TERPENE COMPONENT. EDEN RESEARCH PLC

2345442	RELEASABLE COUPLING AND INJECTION DEVICE. Cilag GmbH International
2359887	Injection device with needle retraction. Cilag GmbH International
2366416	Injection Device. Cilag GmbH International
2371848	Differential in tumour gene products and use of same. Astellas Pharma Inc.
2380576	Use of sodium deoxycholate for the non-surgical removal of fat. The Regents of the University of California; Lundquist Institute for Biomedical Innovation at Harbor-UCLA Medical Center
2380903	Differential in tumour gene products and use of same. Astellas Pharma Inc.
2386946	Code generation techniques using components in a distributed system. Code Valley Corp Pty Ltd
2455067	DIRECTLY COMPRESSIBLE TRICALCIUM PHOSPHATE. Innophos, Inc.
2479680	Method for presenting rate-adaptive streams. DISH Technologies L.L.C.
2612862	Quinazolinones as inhibitors of human phosphatidylinositol 3-kinase delta. ICOS CORPORATION
2774622	Combinations comprising antimuscarinic agents and beta-adrenergic agonists. Almirall, S.A.
2786783	Personal Height Rescue Apparatus. Fallsafe Limited
2799434	Pyrrole compounds as inhibitors of ERK protein kinases and pharmaceutical compositions containing these compounds. Vertex Pharmaceuticals Incorporated
2805712	Heat sterilization of glucocorticoidsteroids. Norton Healthcare Limited
2902057	INJECTION DEVICE. Cilag GmbH International
2983330	WIDEBAND SERVICE PROVISIONING. Cisco Technology, Inc.
3070174	DRUG DISCOVERY BASED ON IN VITRO DIFFERENTIATED CELLS. Ncardia AG
3143944	LOCKING MECHANISMS FOR FIXATION DEVICES. Evalve, Inc.
3153514	QUINAZOLINONES AS INHIBITORS OF HUMAN PHOSPHATIDYLINOSITOL 3-KINASE DELTA. ICOS CORPORATION
3173073	LIPOSOMES FOR DRUG DELIVERY. Ipsen Biopharm Ltd.
3263118	FLAXSEEDS FOR BODY WEIGHT MANAGEMENT. University of Copenhagen

- 3281939 COMBINATION COMPRISING A STABLE CRYSTAL OF A 4-
OXOQUINOLINE COMPOUND. Japan Tobacco Inc.
- 3290513 COMPOSITIONS AND METHODS TO PREVENT AAV VECTOR
AGGREGATION. Genzyme Corporation
- 3305776 PYRROLE COMPOUNDS AS INHIBITORS OF ERK PROTEIN
KINASES AND PHARMACEUTICAL COMPOSITIONS
CONTAINING THESE COMPOUNDS. Vertex Pharmaceuticals
Incorporated
- 3401327 GENE PRODUCTS DIFFERENTIALLY EXPRESSED IN TUMORS
AND THEIR USES. Astellas Pharma Inc.
- 3461884 MESENCHYMAL STEM CELLS AND USES THEREFOR.
Mesoblast International Sàrl
- 3603634 PHARMACEUTICAL COMPOSITION CONTAINING
GLYCOPYRROLATE AND A BETA2 ADRENOCEPTOR AGONIST.
Novartis AG
- 3611392 ASYMMETRIC WHEEL HUB ROLLING BEARING ASSEMBLY.
Aktiebolaget SKF
- 3822805 APPARATUS, SYSTEM, AND METHOD FOR ADAPTIVE-RATE
SHIFTING OF STREAMING CONTENT. DISH Technologies L.L.C.
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Translation of Claims of European Patent Applications Designating the State - Section 120(6)

Translations in respect of the following applications have been received by the Office and are open to public inspection.

The publication number of the application is shown first, followed in parenthesis, by the application number.

European patent application no: 4488191

Applicant: Papier-Mettler KG

As prescribed under Section 120(6) of the 1992 Patents Act, the translated claims of European Patent application 20811302.7 are published below.

Claims

4488191

1. Plastic carrier bag (1) with a bottom end (2) and an opposite opening end (4), comprising a front wall (6) and a rear wall (8), each with a first side edge (10, 10') and an opposite second side edge (12, 12') as well as an opening edge (14), as well as a first (102) and an opposite second side wall (104) each with a first and an opposite second side edge (116, 118) as well as at least one holding loop (20, 22) connected to the front wall (6) and/or, in particular and, as at least one holding loop (20, 22) connected to the rear wall (8), each with a first and a second connecting region (24A, 24B; 26A, 26B), wherein the front and the rear wall (6, 8) are configured multi-layered, in particular double-layered, comprising at least one inner layer, in particular one inner layer, and an outer layer (28, 30; 32, 34), wherein the front and the rear wall (6, 8) in the region of the opening end (4) have a reinforcing region (44, 46), in particular extending up to or comprising the opening end, containing at least one multi-layered, in particular double-layered, plastic film strip (106, 108) fastened to the front wall (6) on the inside or on the outside, in particular on the inside, and at least one multi-layer, in particular double-layer, plastic film strip (106, 108) fastened to the rear wall (8) on the inside or on the outside, in particular on the inside, and extending in each case from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), characterized in that the at least one inner layer (28), in particular the inner layer, of the front wall (6) and the at least one inner layer (32), in particular the inner layer, of the rear wall (8) are configured in one piece, in that the outer layers (30, 34) of the front and the rear wall (6, 8) are configured in one piece, and in that the front wall (6) and the rear wall (8) merge into one another at the bottom end (2) by means of folding over, in particular form a bottom fold in this transition (16), wherein the transition (16), in particular the bottom fold, extends laterally from a first (110) to an opposite second end (112), wherein, in the case of the front and the rear wall (also referred to as a "stackable storage state") abutting one another up to the transition (16), in particular the bottom fold, the lateral extension of the transition (16), in particular of the bottom fold, between the first and second end (110, 112) is smaller than the extension of the front and rear wall between the respective first and second side edge (10, 12, 10', 12') at the opening end (4), wherein the extension of the front and rear wall (6, 8) between the respective first and second side edge (10, 12, 10', 12') tapers in the region

(114) of the lower third, in particular of the lower quarter, with respect to the extension between opening end (4) and bottom end (2), in the direction of and in particular up to the transition (16), in particular to the bottom fold (also referred to as a "tapering/bottom surface region"), wherein the lateral extension of the first and second side wall (102, 104) in the tapering/bottom surface region (114) in each case decreases, in particular in a corresponding manner, corresponding to the region in which the extension of front and rear wall (6, 8) tapers between the respective first and second side edge (10, 12, 10', 12'), wherein the first side wall (102) is welded in the tapering/bottom surface region (114) in the region of its first side edge (116) to the front wall (6), in particular along the first side edge (10) thereof, and in the region of the second side edge (118) to the rear wall (8), in particular along the first side edge (10') thereof, and wherein the second side wall (104) is welded in the tapering/bottom surface region (114) in the region of its first side edge (116) to the front wall (6), in particular along the second side edge (12) thereof, and in the region of the second side edge (118) to the rear wall (8), in particular along the second side edge (12') thereof.

2. Plastic carrier bag (1) according to claim 1, characterized in that the first and second side edge of the first side wall (102) approach, in particular continuously, in the tapering/bottom surface region (114) and converge in particular in the region of the transition (16), preferably the bottom fold, and in that the first and second side edge of the second side wall (104) approach, in particular continuously, in the tapering/bottom surface region (114) and converge in particular in the region of the transition (16), preferably the bottom fold.

3. Plastic carrier bag (1) according to claim 1 or 2, characterized in that in the portion which is not the tapering/bottom surface region (114), the first side wall (102) is welded in the region of its first side edge (116) to the front wall (6), in particular along the first side edge (10) thereof, and in the region of the second side edge (118) to the rear wall (8), in particular along the first side edge (10') thereof, and in that in the portion which is not the tapering/bottom surface region (114), the second side wall (104) is welded in the region of its first side edge (116) to the front wall (6), in particular along the second side edge (12) thereof, and in the region of the second side edge (118) to the rear wall, in particular along the second side edge (12') thereof.

4. Plastic carrier bag (1) according to one of the preceding claims, characterized in that the extension from the first to the second side edge of the first side wall substantially corresponds, in particular corresponds, to the sum of the extension of the tapering/bottom surface region of the front wall, calculated from the transition (16), in particular the bottom fold, and the extension of the tapering/bottom surface region of the rear wall, calculated from the transition (16), in particular the bottom fold, and/or, in particular and, in that the extension from the first to the second side edge of the second side wall substantially corresponds, in particular corresponds, to the sum of the extension of the tapering/bottom surface region of the front wall, calculated from the transition (16), in particular the bottom fold, and the extension of

the tapering/bottom surface region of the rear wall, calculated from the transition (16), in particular the bottom fold.

5. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

the first and the second side wall (102, 104) are configured triangular, semicircular, rectangular or squared, in particular triangular, in the tapering/bottom surface region (114).

6. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

adjacent to or in the region of the first end of the transition (16), in particular the bottom fold, the first side wall (102), the front wall and the rear wall are welded to one another in a first area and/or, in particular and, in that adjacent to or in the region of the second end of the transition (16), in particular the bottom fold, the second side wall (104), the front wall and the rear wall are welded to one another in a second area.

7. Plastic carrier bag (1) according to claim 6, characterized in that a five-, six-, seven- or eight-layered weld, in particular a six- or eight-layered weld, is present in each case in the first area and in the second area.

8. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

the front wall tapers in a rectilinear line from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the front wall tapers in a rectilinear line from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold, and in that the rear wall tapers in a rectilinear line from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the rear wall tapers in a rectilinear line from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold,

or

in that the front wall (6) tapers in a concave shape from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the front wall tapers in a concave shape from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold, and in that the rear wall (8) tapers in a concave shape from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the rear wall tapers in a concave shape from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold,

or

in that the front wall (6) tapers in a convex shape from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the

bottom fold, and/or, in particular and, in that the front wall tapers in a convex shape from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold, and in that the rear wall (8) tapers in a convex shape from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the rear wall tapers in a convex shape from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold,

or

in that the front wall (6) tapers in a first portion at the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge in the direction of the opposite second side edge and tapers less strongly or no longer in the portion adjoining as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and,

in that the front wall (6) tapers in a first portion at the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge in the direction of the opposite first side edge and tapers less strongly or no longer in the portion adjoining as far as the second end (112) of the transition (16), in particular the bottom fold, and in that the rear wall (6) tapers in a first portion at the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge in the direction of the opposite second side edge and tapers less strongly or no longer in the portion adjoining as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and,

in that the rear wall (8) tapers in a first portion at the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge in the direction of the opposite first side edge and tapers less strongly or no longer in the portion adjoining as far as the second end (112) of the transition (16), in particular the bottom fold.

9. Plastic carrier bag (1) with a bottom end (2) and an opposite opening end (4), comprising a front wall (6) and a rear wall (8), each with a first side edge (10, 10') and an opposite second side edge (12, 12') as well as an opening edge (14), as well as a first (102) and an opposite second side wall (104) each with a first and an opposite second side edge (116, 118),

as well as at least one holding loop (20, 22) connected to the front wall (6) and/or, in particular and, to the rear wall (8), each with a first and a second connecting region (24A, 24B; 26A, 26B),

wherein the front and the rear wall (6, 8) are configured multi-layered, in particular double-layered, comprising at least one inner layer, in particular one inner layer, and an outer layer (28, 30; 32, 34), wherein the front and the rear wall (6, 8) in the region of the opening end (4) have a reinforcing region (44, 46), in particular extending up to or comprising the opening end, containing at least one multi-layered, in particular double-layered, plastic film strip (106, 108) fastened to the front wall (6) on the inside or on the outside, in particular on the inside, and at least one multi-layer, in particular double-layer, plastic film strip (106, 108) fastened to the rear wall (8) on the inside or on the outside, in particular on the inside, and extending in each case from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), characterized in that

the at least one inner layer (28), in particular the inner layer, of the front wall (6) and the at least one inner layer (32), in particular the inner layer, of the rear wall (8) are configured in one piece,
in that the outer layers (30, 34) of front and rear wall (6, 8) are configured in one piece, and
in that the front wall (6) and the rear wall (8) merge into one another at the bottom end (2) by means of folding over, in particular form a bottom fold in this transition (16),
wherein the transition (16), in particular the bottom fold, extends laterally from a first (110) to an opposite second end (112),
wherein the lateral extension of the transition (16), in particular of the bottom fold, between the first and second end (110, 112) is substantially identical, in particular identical, to the extension of the front and rear wall between the respective first and second side edge (10, 12, 10', 12') at the opening end (4),
wherein the first and the second side wall have a squared, rectangular or trapezoidal blank,
wherein the front wall (6) and the rear wall (8) are welded in the region of their first side edges (10, 10') to the first side wall (102), and wherein the front wall (6) and the rear wall (8) are welded in the region of their second side edges (12, 12') to the second side wall (104), in particular forming a squared or rectangular bottom surface in the erected filling state.

10. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the holding loop (20, 22) connected to the front wall (6) and the holding loop connected to the rear wall (8) is welded in each of its first and second connecting regions (24A, 24B; 26A, 26B) to the multi-layered plastic film strip (106, 108) of the reinforcing region (44, 46) and also to the at least one inner layer (28, 32), in particular the inner layer, and the outer layer (30, 34), and
wherein the multi-layered plastic film strip (106) of the reinforcing region (44) of the front wall (6) is fastened by means of welding to the inner or outer layer from or at a distance from the first side edge (10) in the direction of or up to the second side edge (12), and wherein the multi-layered plastic film strip (108) of the reinforcing region (46) of the rear wall (8) is fastened by means of welding to the inner or outer layer from or at a distance from the first side edge (10') in the direction of or up to the second side edge (12'),
wherein the first and second connecting regions (24A, 24B) of the holding loop (20) connected to the front wall (6) and the first and second connecting regions (26A, 26B) of the holding loop (22) connected to the rear wall (8) are present on the inner side of the front or rear wall (6, 8) in the region of the multi-layered plastic film strip (106, 108) of the reinforcing region (44, 46),
wherein a continuing section (36, 38) adjoins in each case the outer layer (30, 34),
wherein the continuing section forms the plastic film strip (106, 108) of the reinforcing region (44, 46),
wherein the continuing section (36, 38) extends at least in sections along the inner side of the at least one inner layer (28, 32), in particular the inner layer, and abuts thereon,
wherein this continuing section (36, 38) present on the inner side of the at least one inner layer (28, 32), in particular the inner layer, is configured at least double-layered at least in regions by means of folding over,
wherein this continuing section (36, 38) is welded to the inner side of the at least one inner layer (28, 32), in particular the inner layer, along an

extension from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), in particular by means of a continuous longitudinal weld, and
wherein the outer layer (30, 34) of front and rear wall (6, 8), in particular in the transition to the continuing section (36, 38), comprises or forms the opening edge (14), and
wherein the at least one inner layer (28, 32), in particular the inner layer, extends with its upper edge (40, 42) up to the opening edge (14) or at a distance therefrom,
wherein the outer layer and the continuing section (36) of the front wall (6) and the outer layer and the continuing section (38) of the rear wall (8) are each configured in one piece, and
wherein the multi-layered, in particular double-layered, plastic film strip (106, 108) of the reinforcing region (44, 46) of front and rear wall (6, 8) is welded in each case over all its layers to the inner side of the at least one inner layer (28, 32), in particular the inner layer, along the extension from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), in particular by means of a continuous longitudinal weld, forming a first connecting region (52, 52'), in particular connecting strip, wherein this first connecting region (52, 52'), in particular first connecting strip, is present in each case closer to the lower edge of the reinforcing region (44, 46) than to the upper edge thereof, in particular at or adjacent to the lower edge of the reinforcing region (44, 46),
wherein the outer layer (30, 34) of front and rear wall (6, 8) is welded in each case to the outer side of the at least one inner layer (28, 32), in particular the inner layer, along the extension from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), in particular by means of a continuous longitudinal weld, forming a second connecting region (54, 54'), in particular second connecting strip, wherein this second connecting region (54, 54'), in particular second connecting strip, is present in each case closer to the lower edge of the reinforcing region (44, 46) than to the upper edge thereof, in particular at or adjacent to the lower edge of the reinforcing region (44, 46),
wherein the first and second connecting regions (24A, 24B, 26A, 26B), obtained by means of welding, of the holding loops (20, 22) connected to the front wall (6) and/or, in particular and, to the rear wall (8) are present at a distance from the first and second connecting regions (52, 52', 54, 54'), in particular the first and second connecting strips, in particular have no overlap with the first and second connecting regions (52, 52', 54, 54'),
wherein the holding loop connected inside to the front wall (6) and/or the holding loop connected inside to the rear wall (8) is welded in each case in its first and second connecting regions (24A, 24B, 26A, 26B), directly or indirectly, to the multi-layered plastic film strip (106, 108) of the reinforcing region (44, 46) and to the at least one inner layer (28, 32), in particular the inner layer, and the outer layer (30, 34).

11. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

the first and the second side wall (102, 104) are single-layered.

12. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

the first and the second side wall (102, 104) have a side fold which preferably extends as far as the transition (16), particularly preferably as far as the bottom fold.

13. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the first and the second side wall (102, 104) have a seam at the opening end (4).
14. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the first and the second side wall (102, 104) are based on separate material blanks.
15. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the bottom fold (16) in the erected filling state of the plastic carrier bag (1) constitutes an outwardly directed bottom fold.
16. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the outer layer is based on or consists of a plastic material, in particular polyethylene, which is transparent at least in sections and which can be printed or is printed at least in sections on the inside, in particular by means of reverse printing processes, and/or in that
the at least one inner layer, in particular the inner layer, can be printed or is printed at least in sections on the outside, and in that the outer layer is based on or consists of a plastic material, in particular polyethylene, which is transparent at least in sections.
17. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the outer layer, the multi-layered, in particular double-layered, plastic film strip (106, 108) of the reinforcing region, in particular the continuing section of the inner and/or outer layer, in particular the outer layer, and the at least one inner layer (28, 32), in particular the inner layer, of the front and/or rear wall (6, 8), in particular of the front and rear wall (6, 8), and the holding loops connected to the front wall (6) and/or to the rear wall (8), and the first and the second side wall (102, 104) are formed or consist of polyolefins, preferably polyethylene, particularly preferably HD or LD polyethylene, in particular LD polyethylene.
18. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the at least one inner layer, in particular the inner layer, of the front and rear wall (6, 8) comprises or constitutes a foamed plastic film, preferably a foamed polyolefin film, particularly preferably a foamed polyethylene film and in particular a foamed LD polyethylene film, and/or, in particular and, in that
the outer layer of the front and rear wall (6, 8) comprises or constitutes a non-foamed plastic film, preferably a non-foamed polyolefin film, particularly preferably a non-foamed polyethylene film and in particular a non-foamed LD polyethylene film.
19. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the outer layer, the multi-layered, in particular double-layered, plastic film strip (106, 108) of the reinforcing region, in particular the continuing section of the outer layer, and the at least one inner layer (28, 32), in particular the inner layer, of front and rear wall (8) and the holding loops connected to the front wall (6) and to the rear wall (8) and the first and the
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second side wall (102, 104) are formed or consist of polyethylene, in particular LD polyethylene, wherein the at least one inner layer (28, 32), in particular the inner layer, of front and rear wall (8) constitutes a foamed polyethylene film, in particular a foamed LD polyethylene film, and wherein the outer layer of front and/or rear wall (6, 8), and optionally the multi-layered plastic film strip (106, 108) of the reinforcing region, constitutes a non-foamed polyethylene film, in particular a non-foamed LD polyethylene film.

20. Plastic carrier bag (1) according to one of the preceding claims, characterized in that the first connecting regions (52, 52') overlap in each case with the second connecting regions (54, 54'), in particular forming a uniform connecting region (55, 55').

European patent application no: 4534433

Applicant: Papier-Mettler KG

As prescribed under Section 120(6) of the 1992 Patents Act, the translated claims of European Patent application 20811302.7 are published below.

Claims

1. Plastic carrier bag (1) with a bottom end (2) and an opposite opening end (4), comprising a front wall (6) and a rear wall (8), each with a first side edge (10, 10') and an opposite second side edge (12, 12') as well as an opening edge (14), as well as a first (102) and an opposite second side wall (104) each with a first and an opposite second side edge (116, 118) as well as at least one holding loop (20, 22) connected to the front wall (6) and/or, in particular and, as at least one holding loop (20, 22) connected to the rear wall (8), each with a first and a second connecting region (24A, 24B; 26A, 26B), wherein the front and the rear wall (6, 8) are configured multi-layered, in particular double-layered, comprising at least one inner layer, in particular one inner layer, and an outer layer (28, 30; 32, 34), wherein the front and the rear wall (6, 8) in the region of the opening end (4) have a reinforcing region (44, 46), in particular extending up to or comprising the opening end, containing at least one multi-layered, in particular double-layered, plastic film strip (106, 108) fastened to the front wall (6) on the inside or on the outside, in particular on the inside, and at least one multi-layer, in particular double-layer, plastic film strip (106, 108) fastened to the rear wall (8) on the inside or on the outside, in particular on the inside, and extending in each case from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), characterized in that the at least one inner layer (28), in particular the inner layer, of the front wall (6) and the at least one inner layer (32), in particular the inner layer, of the rear wall (8) are configured in one piece, in that the outer layers (30, 34) of the front and the rear wall (6, 8) are configured in one piece, and in that the front wall (6) and the rear wall (8) merge into one another at the bottom end (2) by means of folding over, in particular form a bottom fold in this transition (16),

wherein the transition (16), in particular the bottom fold, extends laterally from a first (110) to an opposite second end (112),
wherein, in the case of the front and the rear wall (also referred to as a "stackable storage state") abutting one another up to the transition (16), in particular the bottom fold, the lateral extension of the transition (16), in particular of the bottom fold, between the first and second end (110, 112) is smaller than the extension of the front and rear wall between the respective first and second side edge (10, 12, 10', 12') at the opening end (4),
wherein the extension of the front and rear wall (6, 8) between the respective first and second side edge (10, 12, 10', 12') tapers in the region (114) of the lower third, in particular of the lower quarter, with respect to the extension between opening end (4) and bottom end (2), in the direction of and in particular up to the transition (16), in particular to the bottom fold (also referred to as a "tapering/bottom surface region"),
wherein the lateral extension of the first and second side wall (102, 104) in the tapering/bottom surface region (114) in each case decreases, in particular in a corresponding manner, corresponding to the region in which the extension of front and rear wall (6, 8) tapers between the respective first and second side edge (10, 12, 10', 12'),
wherein the first side wall (102) is welded in the tapering/bottom surface region (114) in the region of its first side edge (116) to the front wall (6), in particular along the first side edge (10) thereof, and in the region of the second side edge (118) to the rear wall (8), in particular along the first side edge (10') thereof, and
wherein the second side wall (104) is welded in the tapering/bottom surface region (114) in the region of its first side edge (116) to the front wall (6), in particular along the second side edge (12) thereof, and in the region of the second side edge (118) to the rear wall (8), in particular along the second side edge (12') thereof.

2. Plastic carrier bag (1) according to claim 1, characterized in that
the first and second side edge of the first side wall (102) approach, in particular continuously, in the tapering/bottom surface region (114) and converge in particular in the region of the transition (16), preferably the bottom fold, and in that
the first and second side edge of the second side wall (104) approach, in particular continuously, in the tapering/bottom surface region (114) and converge in particular in the region of the transition (16), preferably the bottom fold.
3. Plastic carrier bag (1) according to claim 1 or 2, characterized in that
in the portion which is not the tapering/bottom surface region (114), the first side wall (102) is welded in the region of its first side edge (116) to the front wall (6), in particular along the first side edge (10) thereof, and in the region of the second side edge (118) to the rear wall (8), in particular along the first side edge (10') thereof, and in that
in the portion which is not the tapering/bottom surface region (114), the second side wall (104) is welded in the region of its first side edge (116) to the front wall (6), in particular along the second side edge (12) thereof, and in the region of the second side edge (118) to the rear wall, in particular along the second side edge (12') thereof.
4. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the extension from the first to the second side edge of the first side wall substantially corresponds, in particular corresponds, to the sum of the

extension of the tapering/bottom surface region of the front wall, calculated from the transition (16), in particular the bottom fold, and the extension of the tapering/bottom surface region of the rear wall, calculated from the transition (16), in particular the bottom fold, and/or, in particular and, in that

the extension from the first to the second side edge of the second side wall substantially corresponds, in particular corresponds, to the sum of the extension of the tapering/bottom surface region of the front wall, calculated from the transition (16), in particular the bottom fold, and the extension of the tapering/bottom surface region of the rear wall, calculated from the transition (16), in particular the bottom fold.

5. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

the first and the second side wall (102, 104) are configured triangular, semicircular, rectangular or squared, in particular triangular, in the tapering/bottom surface region (114).

6. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

adjacent to or in the region of the first end of the transition (16), in particular the bottom fold, the first side wall (102), the front wall and the rear wall are welded to one another in a first area and/or, in particular and, in that adjacent to or in the region of the second end of the transition (16), in particular the bottom fold, the second side wall (104), the front wall and the rear wall are welded to one another in a second area.

7. Plastic carrier bag (1) according to claim 6, characterized in that a five-, six-, seven- or eight-layered weld, in particular a six- or eight-layered weld, is present in each case in the first area and in the second area.

8. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

the front wall tapers in a rectilinear line from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the front wall tapers in a rectilinear line from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold, and in that the rear wall tapers in a rectilinear line from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the rear wall tapers in a rectilinear line from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold,

or

in that the front wall (6) tapers in a concave shape from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the front wall tapers in a concave shape from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold, and in that the rear wall (8) tapers in a concave shape from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as

far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the rear wall tapers in a concave shape from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold,

or

in that the front wall (6) tapers in a convex shape from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the front wall tapers in a convex shape from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold, and in that the rear wall (8) tapers in a convex shape from the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the rear wall tapers in a convex shape from the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge as far as the second end (112) of the transition (16), in particular the bottom fold,

or

in that the front wall (6) tapers in a first portion at the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge in the direction of the opposite second side edge and tapers less strongly or no longer in the portion adjoining as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the front wall (6) tapers in a first portion at the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge in the direction of the opposite first side edge and tapers less strongly or no longer in the portion adjoining as far as the second end (112) of the transition (16), in particular the bottom fold, and in that the rear wall (6) tapers in a first portion at the beginning, facing the opening end, of the tapering/bottom surface region at the first side edge in the direction of the opposite second side edge and tapers less strongly or no longer in the portion adjoining as far as the first end (110) of the transition (16), in particular the bottom fold, and/or, in particular and, in that the rear wall (8) tapers in a first portion at the beginning, facing the opening end, of the tapering/bottom surface region at the second side edge in the direction of the opposite first side edge and tapers less strongly or no longer in the portion adjoining as far as the second end (112) of the transition (16), in particular the bottom fold.

9. Plastic carrier bag (1) with a bottom end (2) and an opposite opening end (4), comprising a front wall (6) and a rear wall (8), each with a first side edge (10, 10') and an opposite second side edge (12, 12') as well as an opening edge (14), as well as a first (102) and an opposite second side wall (104) each with a first and an opposite second side edge (116, 118), as well as at least one holding loop (20, 22) connected to the front wall (6) and/or, in particular and, to the rear wall (8), each with a first and a second connecting region (24A, 24B; 26A, 26B), wherein the front and the rear wall (6, 8) are configured multi-layered, in particular double-layered, comprising at least one inner layer, in particular one inner layer, and an outer layer (28, 30; 32, 34), wherein the front and the rear wall (6, 8) in the region of the opening end (4) have a reinforcing region (44, 46), in particular extending up to or comprising the opening end, containing at least one multi-layered, in particular double-layered,

plastic film strip (106, 108) fastened to the front wall (6) on the inside or on the outside, in particular on the inside, and at least one multi-layer, in particular double-layer, plastic film strip (106, 108) fastened to the rear wall (8) on the inside or on the outside, in particular on the inside, and extending in each case from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), characterized in that

the at least one inner layer (28), in particular the inner layer, of the front wall (6) and the at least one inner layer (32), in particular the inner layer, of the rear wall (8) are configured in one piece,

in that the outer layers (30, 34) of front and rear wall (6, 8) are configured in one piece, and

in that the front wall (6) and the rear wall (8) merge into one another at the bottom end (2) by means of folding over, in particular form a bottom fold in this transition (16),

wherein the transition (16), in particular the bottom fold, extends laterally from a first (110) to an opposite second end (112),

wherein the lateral extension of the transition (16), in particular of the bottom fold, between the first and second end (110, 112) is substantially identical, in particular identical, to the extension of the front and rear wall between the respective first and second side edge (10, 12, 10', 12') at the opening end (4),

wherein the first and the second side wall have a squared, rectangular or trapezoidal blank,

wherein the front wall (6) and the rear wall (8) are welded in the region of their first side edges (10, 10') to the first side wall (102), and wherein the front wall (6) and the rear wall (8) are welded in the region of their second side edges (12, 12') to the second side wall (104), in particular forming a squared or rectangular bottom surface in the erected filling state.

10. Plastic carrier bag (1) according to one of the preceding claims, characterized in that

the holding loop (20, 22) connected to the front wall (6) and the holding loop connected to the rear wall (8) is welded in each of its first and second connecting regions (24A, 24B; 26A, 26B) to the multi-layered plastic film strip (106, 108) of the reinforcing region (44, 46) and also to the at least one inner layer (28, 32), in particular the inner layer, and the outer layer (30, 34), and

wherein the multi-layered plastic film strip (106) of the reinforcing region (44) of the front wall (6) is fastened by means of welding to the inner or outer layer from or at a distance from the first side edge (10) in the direction of or up to the second side edge (12), and wherein the multi-layered plastic film strip (108) of the reinforcing region (46) of the rear wall (8) is fastened by means of welding to the inner or outer layer from or at a distance from the first side edge (10') in the direction of or up to the second side edge (12'),

wherein the first and second connecting regions (24A, 24B) of the holding loop (20) connected to the front wall (6) and the first and second connecting regions (26A, 26B) of the holding loop (22) connected to the rear wall (8) are present on the inner side of the front or rear wall (6, 8) in the region of the multi-layered plastic film strip (106, 108) of the reinforcing region (44, 46),

wherein a continuing section (36, 38) adjoins in each case the outer layer (30, 34),

wherein the continuing section forms the plastic film strip (106, 108) of the reinforcing region (44, 46),

wherein the continuing section (36, 38) extends at least in sections along the inner side of the at least one inner layer (28, 32), in particular the inner layer, and abuts thereon,
wherein this continuing section (36, 38) present on the inner side of the at least one inner layer (28, 32), in particular the inner layer, is configured at least double-layered at least in regions by means of folding over,
wherein this continuing section (36, 38) is welded to the inner side of the at least one inner layer (28, 32), in particular the inner layer, along an extension from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), in particular by means of a continuous longitudinal weld, and
wherein the outer layer (30, 34) of front and rear wall (6, 8), in particular in the transition to the continuing section (36, 38), comprises or forms the opening edge (14), and
wherein the at least one inner layer (28, 32), in particular the inner layer, extends with its upper edge (40, 42) up to the opening edge (14) or at a distance therefrom,
wherein the outer layer and the continuing section (36) of the front wall (6) and the outer layer and the continuing section (38) of the rear wall (8) are each configured in one piece, and
wherein the multi-layered, in particular double-layered, plastic film strip (106, 108) of the reinforcing region (44, 46) of front and rear wall (6, 8) is welded in each case over all its layers to the inner side of the at least one inner layer (28, 32), in particular the inner layer, along the extension from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), in particular by means of a continuous longitudinal weld, forming a first connecting region (52, 52'), in particular connecting strip, wherein this first connecting region (52, 52'), in particular first connecting strip, is present in each case closer to the lower edge of the reinforcing region (44, 46) than to the upper edge thereof, in particular at or adjacent to the lower edge of the reinforcing region (44, 46),
wherein the outer layer (30, 34) of front and rear wall (6, 8) is welded in each case to the outer side of the at least one inner layer (28, 32), in particular the inner layer, along the extension from or at a distance from the first side edge (10, 10') in the direction of or up to the second side edge (12, 12'), in particular by means of a continuous longitudinal weld, forming a second connecting region (54, 54'), in particular second connecting strip, wherein this second connecting region (54, 54'), in particular second connecting strip, is present in each case closer to the lower edge of the reinforcing region (44, 46) than to the upper edge thereof, in particular at or adjacent to the lower edge of the reinforcing region (44, 46),
wherein the first and second connecting regions (24A, 24B, 26A, 26B), obtained by means of welding, of the holding loops (20, 22) connected to the front wall (6) and/or, in particular and, to the rear wall (8) are present at a distance from the first and second connecting regions (52, 52', 54, 54'), in particular the first and second connecting strips, in particular have no overlap with the first and second connecting regions (52, 52', 54, 54'),
wherein the holding loop connected inside to the front wall (6) and/or the holding loop connected inside to the rear wall (8) is welded in each case in its first and second connecting regions (24A, 24B, 26A, 26B), directly or indirectly, to the multi-layered plastic film strip (106, 108) of the reinforcing region (44, 46) and to the at least one inner layer (28, 32), in particular the inner layer, and the outer layer (30, 34).

11. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the first and the second side wall (102, 104) are single-layered.

12. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the first and the second side wall (102, 104) have a side fold which preferably extends as far as the transition (16), particularly preferably as far as the bottom fold.
13. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the first and the second side wall (102, 104) have a seam at the opening end (4).
14. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the first and the second side wall (102, 104) are based on separate material blanks.
15. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the bottom fold (16) in the erected filling state of the plastic carrier bag (1) constitutes an outwardly directed bottom fold.
16. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the outer layer is based on or consists of a plastic material, in particular polyethylene, which is transparent at least in sections and which can be printed or is printed at least in sections on the inside, in particular by means of reverse printing processes, and/or in that
the at least one inner layer, in particular the inner layer, can be printed or is printed at least in sections on the outside, and in that the outer layer is based on or consists of a plastic material, in particular polyethylene, which is transparent at least in sections.
17. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the outer layer, the multi-layered, in particular double-layered, plastic film strip (106, 108) of the reinforcing region, in particular the continuing section of the inner and/or outer layer, in particular the outer layer, and the at least one inner layer (28, 32), in particular the inner layer, of the front and/or rear wall (6, 8), in particular of the front and rear wall (6, 8), and the holding loops connected to the front wall (6) and/or to the rear wall (8), and the first and the second side wall (102, 104) are formed or consist of polyolefins, preferably polyethylene, particularly preferably HD or LD polyethylene, in particular LD polyethylene.
18. Plastic carrier bag (1) according to one of the preceding claims, characterized in that
the at least one inner layer, in particular the inner layer, of the front and rear wall (6, 8) comprises or constitutes a foamed plastic film, preferably a foamed polyolefin film, particularly preferably a foamed polyethylene film and in particular a foamed LD polyethylene film, and/or, in particular and, in that
the outer layer of the front and rear wall (6, 8) comprises or constitutes a non-foamed plastic film, preferably a non-foamed polyolefin film, particularly preferably a non-foamed polyethylene film and in particular a non-foamed LD polyethylene film.
-

19. Plastic carrier bag (1) according to one of the preceding claims, characterized in that the outer layer, the multi-layered, in particular double-layered, plastic film strip (106, 108) of the reinforcing region, in particular the continuing section of the outer layer, and the at least one inner layer (28, 32), in particular the inner layer, of front and rear wall (8) and the holding loops connected to the front wall (6) and to the rear wall (8) and the first and the second side wall (102, 104) are formed or consist of polyethylene, in particular LD polyethylene, wherein the at least one inner layer (28, 32), in particular the inner layer, of front and rear wall (8) constitutes a foamed polyethylene film, in particular a foamed LD polyethylene film, and wherein the outer layer of front and/or rear wall (6, 8), and optionally the multi-layered plastic film strip (106, 108) of the reinforcing region, constitutes a non-foamed polyethylene film, in particular a non-foamed LD polyethylene film.

20. Plastic carrier bag (1) according to one of the preceding claims, characterized in that the first connecting regions (52, 52') overlap in each case with the second connecting regions (54, 54'), in particular forming a uniform connecting region (55, 55').

Designs Registered Under The Industrial Designs Act, 2001

23679

11.01

Lorcan Field, 9 Corbett Court, Williamsgate street, Galway H91V38X, Ireland.
Address for service is c/o Lorcan Field
9 Corbett Court, Williamsgate street, Galway H91V38X, Ireland.

Date of Registration: 06 February 2025.

Claddagh Ring



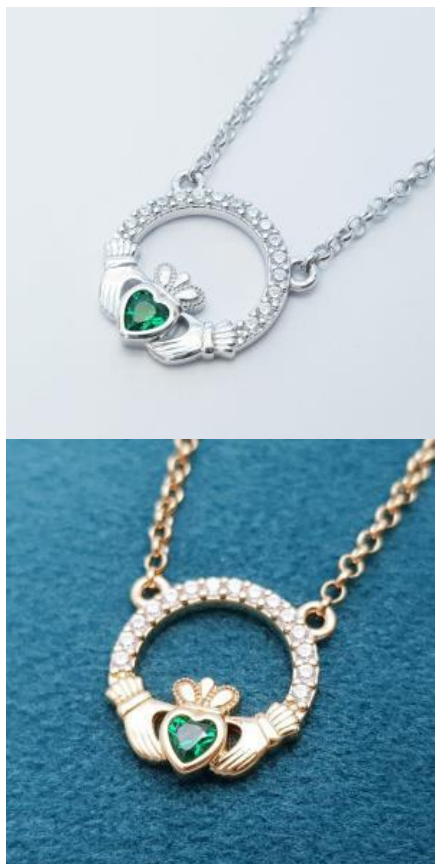
23680

11.01

Lorcan Field, 9 Corbett Court, Williamsgate street, Galway H91V38X, Ireland.
Address for service is c/o Lorcan Field
9 Corbett Court, Williamsgate street, Galway H91V38X, Ireland.

Date of Registration: 06 February 2025.

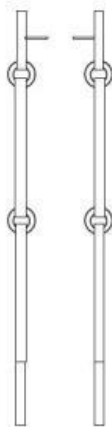
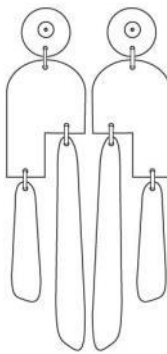
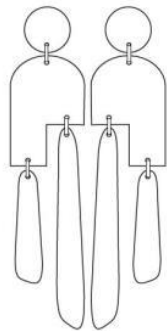
Stone set claddagh design



23682 11.01 Shock of Grey Limited, 9 Mayfield Road, Kilmainham, Dublin 8 D08 EFR5, Ireland.
Address for service is c/o Mary White
308 The Merrion Buildings, 18-20 Merrion Street Upper, Dublin 2 D02 XH98, Ireland.

Date of Registration: 13 February 2025.

Earrings



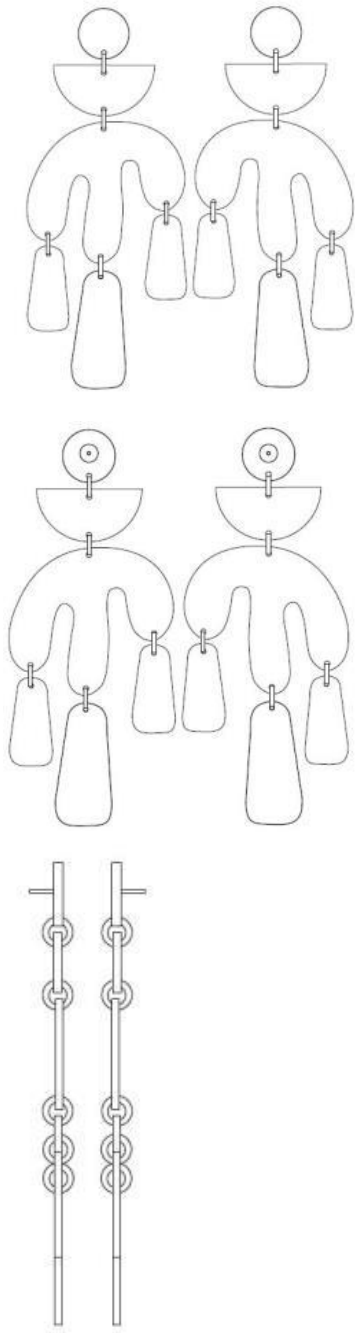
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11.01

Shock of Grey Limited, 9 Mayfield Road, Kilmainham, Dublin 8 D08 EFR5, Ireland.
Address for service is c/o Mary White
308 The Merrion Buildings, 18-20 Merrion Street Upper, Dublin 2 D02 XH98, Ireland.

Date of Registration: 13 February 2025.

Earrings



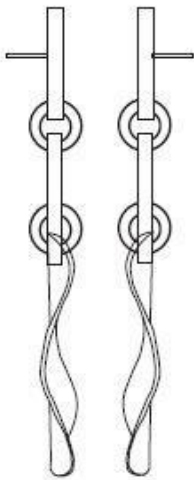
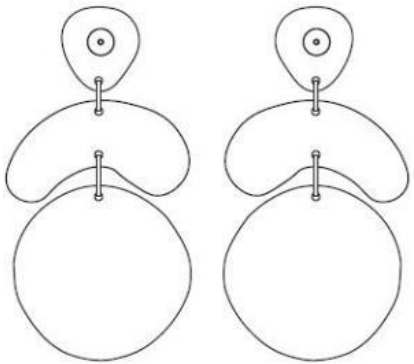
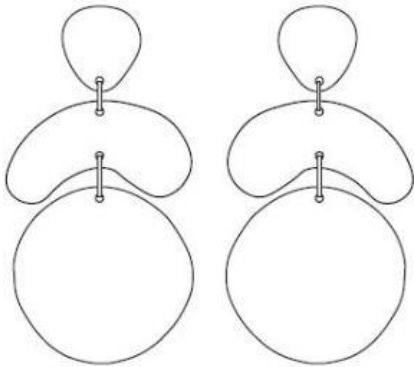
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11.01

Shock of Grey Limited, 9 Mayfield Road, Kilmainham, Dublin 8 D08 EFR5, Ireland.
Address for service is c/o Mary White
308 The Merrion Buildings, 18-20 Merrion Street Upper, Dublin 2 D02 XH98, Ireland.

Date of Registration: 13 February 2025.

Earrings



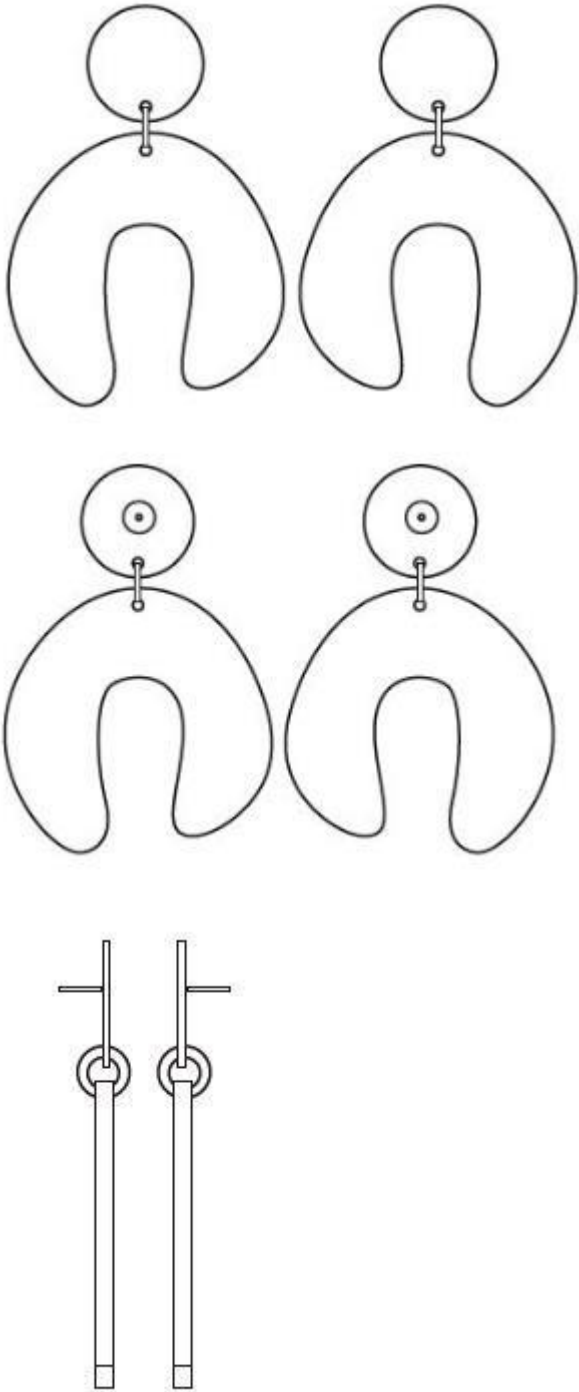
23685

11.01

Shock of Grey Limited, 9 Mayfield Road, Kilmainham, Dublin 8 D08 EFR5, Ireland.
Address for service is c/o Mary White
308 The Merrion Buildings, 18-20 Merrion Street Upper, Dublin 2 D02 XH98, Ireland.

Date of Registration: 13 February 2025.

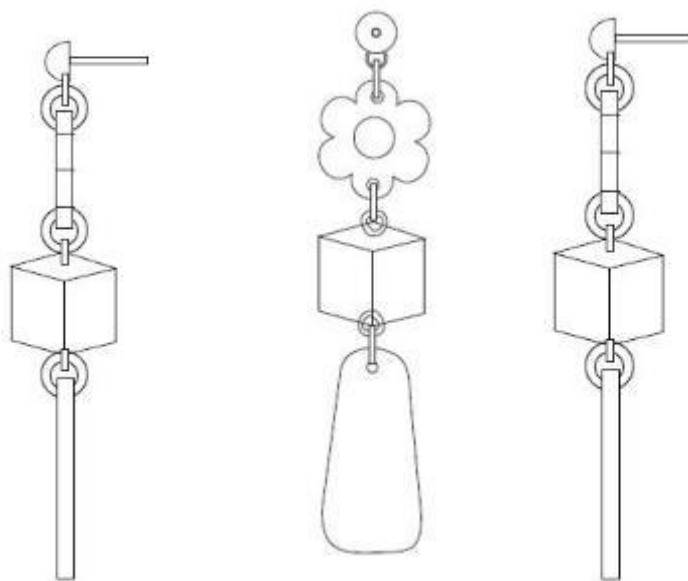
Earring



23686 11.01 Shock of Grey Limited, 9 Mayfield Road, Kilmainham, Dublin 8 D08 EFR5, Ireland.
Address for service is c/o Mary White
308 The Merrion Buildings, 18-20 Merrion Street Upper, Dublin 2 D02 XH98, Ireland.

Date of Registration: 13 February 2025.

Earring



23687 02.02 Kate Ryan, Newgarden, Lisnagry, Lisnagry, Co. Limerick V94CK09, Ireland.
Address for service is c/o Kate Ryan
Newgarden, Lisnagry, Lisnagry, Co. Limerick V94CK09, Ireland.

Date of Registration: 20 February 2025.

Irish Dance Costume STARLIGHT Embellished Lace Sleeves Leotard with lycra Skirt



23688 02.02 Kate Ryan, Newgarden, Lisnagry, Lisnagry, Co. Limerick V94CK09, Ireland.
Address for service is c/o Kate Ryan
Newgarden, Lisnagry, Lisnagry, Co. Limerick V94CK09, Ireland.

Date of Registration: 20 February 2025.

Irish Dance Costume AURORA Embellished Lace Sleeve Leotard with lycra skirt



Renewal of Designs Registered under the Industrial Designs Act, 2001**Registrations renewed for 3rd period of 5 Years**

Design number	Class
21961	09-01
21962	09-01
21963	09-01
21964	09-01
21965	09-01
21966	32-00

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

No. 2545**Wednesday, 2 July, 2025**

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.

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.

The Liberty Weavers

272667 29 November 2024

272666 24 February 2025

- Class 35. Advertising in the field of tourism and travel.
- Class 39. Sightseeing [tourism].
- Class 41. Workshops for cultural purposes; Workshops for educational purposes; Workshops for recreational purposes; Workshops for training purposes; Conducting courses, seminars and workshops; Arranging and conducting of training workshops.

Claire Byrne, 98 Newmarket Square, Wards Hill, Blackpitts Dublin 8 D08 NNP2, Ireland. Address for service is c/o Claire Byrne, 98 Newmarket Square, Wards Hill, Blackpitts Dublin 8 D08 NNP2, Ireland.

Class 35. Retail store services featuring baking ingredients and related products, namely edible ink; edible markers for use in food and bakery products; edible colour gels for use in food and bakery products; food colouring, processed edible flowers, dried fruits, flour; sugar; baking powder; yeast; confectionery; cake mixes; bread mixes; marshmallow confectionery; sprinkles; icing; edible glitter; fondants; rolled fondant; flavoured sugar confectionery; edible pearls; chocolate chips; icing sugar; coated nuts [confectionery]; chocolate coated nuts; decorative sugars; edible flowers to be used for baking decorations; sugarcraft; edible toppers to be used for baking decorations; frosting to be used for baking decorations; icing to be used for baking decorations enabling customers to conveniently view and purchase those goods; advertising services; product demonstrations and

ODLUMS BAKE CLUB

product display services; computerised business promotion; promotional services, including the organisation of promotional events and campaigns for baking ingredients and related products; promoting goods relating to baking ingredients and products by providing a website featuring baking recipes, tips and product updates; online marketing services, including digital advertising, social media marketing, and email marketing campaigns for baking ingredients and related products; marketing services, namely, promoting and advertising baking products through social media and mailing lists.

- Class 41. Providing online non-downloadable publications in the nature of newsletters and articles in the field of baking; providing a website featuring non-downloadable videos in the field of baking; educational services, namely, providing online tutorials and tips in the field of baking.

Valeo Foods Unlimited Company, Commercial House, Millbank Business Park, Lucan, Dublin K78X 5WC, Ireland. Address for service is c/o William Fry LLP, 2 Grand Canal Square, Dublin D02 A342, Ireland.

The Application for Registration is proceeding with the consent of the Proprietors of Registered Irish Trade Mark No. 245958

Curious Tribe

272668 23 March 2025

- Class 35. Business consulting.
Class 41. Training; Training in communication techniques; Teaching services for communication skills; Provision of instruction relating to communications techniques.

The Curious Route Ltd, 23 Hamilton Hill, Skerries, Dublin K34H229, Ireland. Address for service is c/o The Curious Route Ltd, C/O Joanna Parsons, 23 Hamilton Hill, Skerries, Dublin K34H229, Ireland.



272669 21 March 2025

- Class 3. Beauty serums; Beauty creams.
Class 5. Health food supplements made principally of vitamins; Health food supplements made principally of minerals.

Aaron Nugent, 5 Marine View, Athlone Westmeath n37f890, Ireland. Address for service is c/o Aaron Nugent, 5 Marine View, Athlone Westmeath n37f890, Ireland.

GÉBLER

272670 27 March 2025

Class 9. Photovoltaic inverters; Photovoltaic solar modules; Photovoltaic apparatus and installations for generating solar electricity; Solar batteries; charging stations for electric vehicles; Inverters [electricity]; Switches, electric; Voltage surge protectors; Sensors; Fuses; electric sockets; Circuit breakers; Materials for electricity mains [wires, cables]; electric plugs; Distribution boxes [electricity]; Batteries, electric.

Hangzhou Maxge Intelligent Electric Co., Ltd, Room 3210-B, Building 2, European and American Financial City, Cangqian St, Yuhang District, Hangzhou City, Zhejiang, China. Address for service is c/o Murgitroyd & Company, 2nd Floor, 57 Adelaide Road, Dublin 2, DO2 Y3C6, Ireland.

Ayla The Label

272671 21 March 2025

Class 25. Dresses; Evening dresses; Ladies' dresses; Collars for dresses; Tops; Tank-tops; Halter tops; Tops [clothing]; Vest tops; Crop tops; Knit tops; Knitted tops; Tee-shirts; T-shirts; Short-sleeved T-shirts; Skirts; Skirt suits; Pleated skirts; Shorts; Trousers; Casual trousers; Pantsuits; Sweat pants; Dress pants; Jackets; Long jackets; Dinner jackets; Casual jackets; Fur jackets; Knit jackets; Sleeved jackets; Reversible jackets; Bomber jackets; Fur coats and jackets; Coats; Cotton coats; Evening coats; Trench coats; Coats (Top -); Fur coats; Frock coats; Coats for women; Knitwear; Knitted clothing; Women's suits; Women's outerclothing; Women's clothing; Ladies' suits; Ladies wear; Ladies' clothing; Blazers; Sleeveless pullovers; Long sleeve pullovers; Short-sleeve shirts.

Ellie Rodgers, 19 Beechgrove, Johnstown Wood, Navan C15 A02A, Ireland. Address for service is c/o Ellie Rodgers, 19 Beechgrove, Johnstown Wood, Navan C15 A02A, Ireland.



272672 24 March 2025

Class 41. Continuous training; Training and further training consultancy; Providing training; Conducting workshops [training]; Conducting training seminars.

Class 44. Psychotherapy; Psychotherapy services; Holistic psychotherapy.

Jennifer Barton, Blue Ridge, Racecourse Road, Tralee V92YF2X, Ireland. Address for service is c/o Jennifer Barton, Blue Ridge, Racecourse Road, Tralee V92YF2X, Ireland.



272673 25 March 2025

Class 7. Ball-bearings; bearings for transmission shafts; anti-friction bearings for machines; bearings [parts of machines].

CCTY BEARING COMPANY, 458 Jinrun Boulevard, Zhenjiang, China. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.



272674 25 March 2025

Class 35. Franchising services; franchising services in connection with the provision of home care, companionship care, day care and healthcare services; franchising services in connection with the provision of home care, companionship care, day care and healthcare services for senior citizens and the disabled; management and operation of businesses providing personal, health and social care services in domestic homes, residential care facilities, and respite homes; management and operation of businesses providing care staff to residential and nursing homes and hospitals; business consultancy services relating to franchising for the provision of personal, health and social care services in domestic homes, residential care facilities, and respite homes; business consultancy services relating to franchising for the provision of care staff to residential and nursing homes and hospitals; recruitment and placement of personnel in the field of non-medical and medical home health care services.

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| <p>Class 39. Delivery of food and drink; delivery of food and drink prepared for consumption; pick up and delivery of parcels and goods; driving services; vehicle driving services; transportation services; transportation of passengers and people; provision of transport for the elderly by road; providing transportation to the elderly or handicapped persons.</p> <p>Class 41. Educational services; online educational services; training services; conducting educational support programmes for carers; providing training in the field of health care and nutrition; provision of educational courses in the field of diet and health care; health and wellness training; education services relating to health; educational services in the healthcare sector; conducting educational support programmes for healthcare professionals; on-line education services in the nature of classes, seminars and workshops in the field of in-home care and assistance services and in-home health care services; training services in the field of in-home care and assistance services and in-home health care services; providing online electronic publications, namely, newsletters and magazines featuring the subject of advice and support for care giving to the ageing and disabled; recreation services for the elderly and the disabled; fitness and exercise training services.</p> <p>Class 43. Services for providing food and drink; preparation of meals; cooking services; accommodation services; providing temporary accommodation; respite care</p> | <p>services in the nature of adult day care; homes for the elderly and the disabled (retirement); providing day-care centres for the elderly and the disabled.</p> <p>Class 44. Healthcare services; human healthcare services; healthcare advisory services; healthcare information services; medical services; medical advisory services; medical information services; advice relating to the medical needs of elderly people and the disabled; advice relating to the personal welfare of elderly people and the disabled (health); medical and healthcare services for senior citizens and the disabled; provision of medical facilities; providing long-term care facilities; medical care services; nursing home services; nursing care services; palliative care services; provision of health care services in domestic homes, residential care facilities, and respite homes; home health care services; home-visit nursing care; providing information relating to nursing care services; human hygiene and beauty care services; dietary and nutritional guidance; dietary and nutritional advice; physiotherapy services; healthcare relating to remedial exercise; gardening services; care of plants; care of pet animals.</p> <p>Class 45. Personal and social services rendered by others to meet the needs of individuals; providing non-medical in-home care services for individuals; companionship services for the elderly and disabled; providing non-medical day care services for adults, senior citizens and the disabled; escorting in society</p> |
|--|---|

[chaperoning]; providing non-medical personal care services for assistance with activities of daily living, namely, meal preparation, light exercise assistance, medication reminders, clothing and bathing assistance, grocery shopping, and cleaning assistance; pet sitting services.

Dovida Home Care Services Limited, Block 4 Bracken Business Park, Bracken Road, Sandyford, Dublin D18 V0Y0, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

The mark in use is/will be in the colour(s) red and black



272675 25 March 2025

Class 5. Dietary and nutritional supplements in powder form; powdered drink mix for promoting relaxation and reducing stress; non-

prescription calming supplements for human consumption.

OluwaTomi Olagbemi, 3 Elm Grove, Bay Estate, Dundalk A91 E9T0, Ireland. Address for service is c/o Tomi Olagbemi, 3 Elm Grove, Bay Estate, Dundalk A91 E9T0, Ireland.



272676 17 March 2025

Class 25. Clothing.

William Enearu, 10 Adderig Glen, Adamstown, Lucan, Dublin, Ireland. Address for service is c/o William Enearu, 10 Aderrig Glen, Adamstown, Lucan, Dublin, Ireland.



272677 14 March 2025

Class 32. Beer and soft drinks.

CONRAD HOWARD, Elbow Lane Brewhouse Ltd, 4 Oliver Plunkett Street, Cork, Ireland. Address for service is c/o CONRAD HOWARD, Elbow Lane Brewhouse Ltd, 4 Oliver Plunkett Street, Cork, Ireland.

Project beauty

272678 25 March 2025

Class 3. Cosmetics.

Donna Dowling O'Connor, 18 Deanstown Avenue, Finglas, Dublin 11 D11 H9X3, Ireland. Address for service is c/o Donna Dowling O'Connor, 18 Deanstown Avenue, Dublin 11 D11 H9X3, Ireland.

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

ARTIRA

272679 19 March 2025

Class 20. Worktops; kitchen worktops; bathroom worktops.

Priority Date Claimed: 19 September 2024 United Kingdom

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



272680 14 March 2025

Class 32. Beer and soft drinks.

CONRAD HOWARD, Elbow Lane Brewhouse Ltd, 4 Oliver Plunkett Street, Cork, Ireland. Address for service is c/o CONRAD HOWARD, Elbow Lane Brewhouse Ltd, 4 Oliver Plunkett Street, Cork, Ireland.

REYNA

272681 26 March 2025

Class 43. Provision of food and drink; restaurant services; takeaway food services; bar services; café services; delicatessen services; catering services; preparation of foods; food and drink hospitality services; reservation and booking of restaurants; advisory, consultancy and information services relating to all of the aforesaid services.

REYNA LIMITED, 30 Dame Street, Dublin D02 A025, Ireland. Address for service is c/o Keltie Limited, PorterShed a Dó, 15 Market Street, Galway H91 TCX3, Ireland.

ASCENDO

272682 27 March 2025

Class 12. Tires; tubes for tires; tire flaps.

PT. ARAMI JAYA, Jl. Karet IV Block H/35, Batik Village Lippo, Cikarang, Desa Cibatu Kecamatan Cikarang Selatan, Kabupaten Bekasi, Jawa Barat 17550, Indonesia. Address for service is c/o Anne Ryan & Co, 2 Crofton Terrace, Dun Laoghaire, Co. Dublin, A96 V6P7, Ireland.



272683 27 March 2025

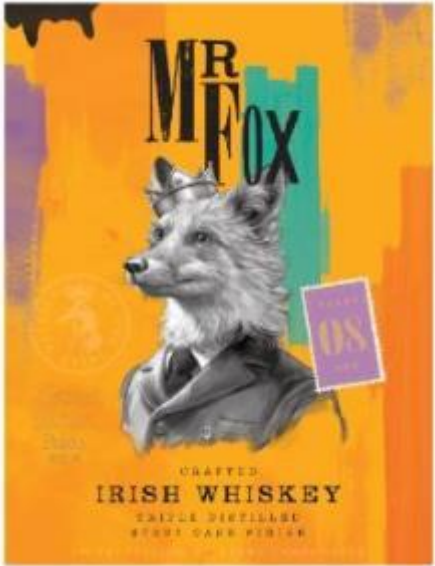
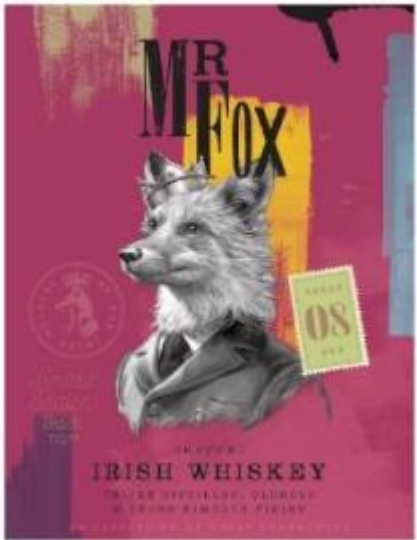
Class 9. High-visibility safety clothing; Hi vis safety clothing; Hi-viz safety clothing.

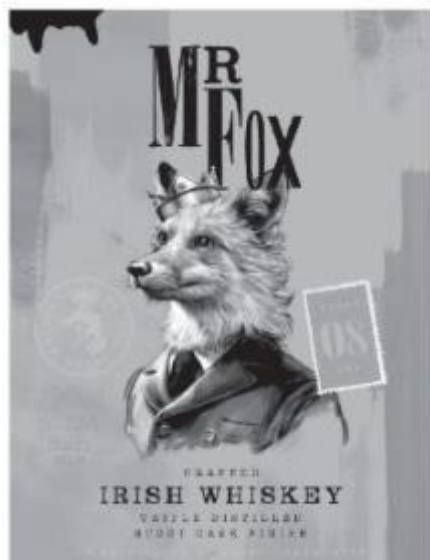
Class 24. Fabric linings for clothing.

Class 25. Clothing for sports; Athletic clothing; Childrens' clothing; Ladies' clothing; Girls' clothing; Women's clothing; Men's clothing; Weather resistant outer clothing; Jackets being sports clothing;

- Clothing containing
slimming substances;
Clothing for horse-riding
[other than riding hats].
- Class 35. Online retail store services
relating to clothing; Online
retail services for
downloadable virtual
clothing; Online retail store
services in relation to
clothing.
- Class 42. Clothing design services.

Jod-Z Limited, 48, The Crescent, Robswall,
Malahide K36VX00, Ireland. Address for service is
c/o Jod-Z Limited, 48, The Crescent, Robswall,
Malahide K36VX00, Ireland.





Application is for a Series of 4 Trade Marks.

272684 17 January 2025

Class 33. Alcoholic beverages (except beers); whiskey complying with the specifications of the protected geographical indication 'Irish Whiskey'; brandy; gin; rum; vodka; wine; cocktails; liqueurs; spirits; alcoholic extracts.'

Farah Whiskey Limited T/A Mr Fox Irish Whiskey, Unit 249, Blanchardstown Corporate Business Park, Ballycoolin, Dublin 15 D15 XY68, Ireland. Address

for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

MAYKINS

272685 24 March 2025

Class 25. Clothing; Footwear; Headwear.

Mary Akinyemi, 23 Rivercourt, Rathmullan Road Drogheda, Louth A92 PW22, Ireland. Address for service is c/o Mary Akinyemi, 23 Rivercourt, Rathmullan Road Drogheda, Louth A92 PW22, Ireland.



272686 25 March 2025

- Class 21. Household or kitchen utensils; Household utensils for cleaning, brushes and brush-making materials; Dishes [household utensils]; Sponges; Combs; Steel wool; Semi finished glass; Plate glass [raw material]; Glassware; Porcelain; Earthenware.

Tania Francisca Celis Vásquez, Apartment 221, Barnwell Point, Station Road, Dublin 15, Dublin D15NRF1, Ireland. Address for service is c/o Tania Francisca Celis Vásquez, Apartment 221, Barnwell Point, Station Road, Dublin 15, Dublin D15NRF1, Ireland.



272688 25 March 2025

- Class 39. Delivery of hampers containing food and drink.
- Class 43. Food and drink catering; Providing food and drink; Catering (Food and drink -); Serving food and drinks; Catering of food and drink; Takeaway food and drink services; Food and drink preparation services; Preparation of food and drink; Hospitality services [food and drink]; Provision of food and drink; Providing of food and drink; Catering of food and drinks; Services for providing food and drink; Take-away food and drink services; Providing food and beverages; Serving food and drink for guests; Providing food and drink for guests; Providing food and drink in bistros; Providing food and drink in restaurants and bars; Food and drink catering for banquets; Serving food and drink in restaurants and bars; Food and drink catering for



272687 25 March 2025

- Class 3. Dishwashing paste; cleaning and degreasing preparations; scouring agents for household use.

OluwaTomi Olagbemi, 3 Elm Grove, Bay Estate, Dundalk A91 E9T0, Ireland. Address for service is c/o OluwaTomi Olagbemi, 3 Elm Grove, Bay Estate, Dundalk A91 E9T0, Ireland.

institutions; Take away food and drink services; Corporate hospitality (provision of food and drink); Arranging of wedding receptions [food and drink]; Providing food and drink in doughnut shops; Serving food and drink in doughnut shops; Food and drink catering for cocktail parties; Serving food and drink in internet cafes; Provision of food and beverages; Preparation of food and beverages; Preparation and provision of food and drink for immediate consumption; Food reviewing services [provision of information about food and drinks]; Charitable services, namely providing food and drink catering; Services for the preparation of food and drink; Catering for the provision of food and drink; Services for the provision of food and drink; Serving food and drink for guests in restaurants; Providing food and drink for guests in restaurants; Providing food and drink catering services for fair and exhibition facilities; Club services for the provision of food and drink; Catering services for the provision of food and drink; Providing of food and drink via a mobile truck; Providing food and drink catering services for exhibition facilities; Providing food and drink catering services for convention facilities; Information, advice and reservation services for the provision of food and drink; Consultancy services in the field of food and drink catering; Provision of information relating to the preparation of food and drink; Rental of furniture, linens, table settings, and

equipment for the provision of food and drink; Catering for the provision of food and beverages.

Robert Mullally, 42 Sliabh Alainn, Mitchelstown, Co Cork P67K778, Ireland. Address for service is c/o Robert Mullally, 42 Sliabh Alainn, Mitchelstown, Co Cork P67K778, Ireland.

HYDROACTIVE

272689 25 October 2004

Class 32. Non-alcoholic drinks; fruit drinks and juices; syrups and other preparations for making beverages

Lucozade Ribena Suntory Limited, 2 Longwalk Road, Stockley Park, Uxbridge UB11 1BA, United Kingdom. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors, 38/39 Fitzwilliam Square, Dublin 2, Ireland.

HYDRO ACTIVE

272690 25 October 2004

Class 32. Non-alcoholic drinks; fruit drinks and juices; syrups and other preparations for making beverages

Lucozade Ribena Suntory Limited, 2 Longwalk Road, Stockley Park, Uxbridge UB11 1BA, United Kingdom. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors, 38/39 Fitzwilliam Square, Dublin 2, Ireland.

vitality from the deep

272691 27 March 2025

- Class 5. Dietary supplements for humans not for medical purposes.
- Class 29. Seafood extracts.

STEPHEN KAVANAGH, Beechgrove, Ferrybank, Arklow Y14C523, Ireland. Address for service is c/o STEPHEN KAVANAGH, Beechgrove, Ferrybank, Arklow Y14C523, Ireland.

NYXWELL

272692 27 March 2025

- Class 3. Skin care creams [cosmetic]; Cosmetic nail care preparations; Cosmetic creams for skin care; Cosmetic products in the form of aerosols for skin care.
- Class 8. Electric hair clippers; Electric and battery-powered hair clippers; Hair clippers

for personal use, electric and non-electric; Electric ear hair trimmers; Electric hair trimmers.

- Class 9. Fast chargers for mobile devices; Mobile phone screen protectors; Power banks; Wireless headphones; Stereo headphones; Music headphones; Headphones; Headphones for smartphones; Cases for headphones; In-ear headphones; Ear pads for headphones; Mobile phone battery chargers; Chargers for mobile phones; Mobile phone chargers; Battery chargers for mobile phones.
- Class 12. Covers for baby strollers; Baby strollers; Pushchairs; Fold-up pushchairs; Stroller covers [pushchairs]; Bags adapted for pushchairs; Electrically-powered motor scooters; Motor scooters; Electric motors for wheelchairs; Motorised wheelchairs for the disabled and those with mobility difficulties.

Md Masum Bellah, 9 Mall House Mews, Tuam, Galway H54X592, Ireland. Address for service is c/o Md Masum Bellah, 9 Mall House Mews, Tuam, Galway H54X592, Ireland.

THERE’S NO TASTE LIKE HOME

272693 31 March 2025

- Class 32. Mineral waters; aerated waters; non-alcoholic

beverages; preparations for making beverages; aerated juices; beers; beverages containing vitamins; bottled water; carbonated non-alcoholic drinks; cola drinks; concentrates for use in the preparation of soft drinks; cordials; pastilles for effervescing beverages; energy drinks; energy drinks containing caffeine; essences for making beverages; flavoured waters; fruit based beverages; fruit flavoured beverages; fruit juices; fruit squashes; isotonic beverages; isotonic drinks; juices; lemonade; lemon squash; low calorie soft drinks; orange juice; orange squash; smoothies; soft drinks; sports drinks; sports drinks containing electrolytes; squashes [non-alcoholic beverages]; syrups for making beverages; vegetable drinks.

Lucozade Ribena Suntory Limited, 2 Longwalk Road, Stockley Park, Uxbridge UB11 1BA, United Kingdom. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

The Elmo

272694 26 March 2025

Class 41. Organising and staging of sailing championships, events and tournaments; publication of books, magazines, newsletters, texts relating to sailing and

included in Class 41; advisory and information services relating to the aforementioned services and included in Class 41.

The Trustees for the time being of the Royal St George Yacht Club, Royal St George Yacht Club, Carlisle Pier, Dun Laoghaire Harbour, Dun Laoghaire, Co Dublin A96 AY77, Ireland. Address for service is c/o Cruickshank, 8 A Unit, Sandyford Business Centre, Sandyford D18R2N8, Ireland.



272695 07 March 2025

Class 30. Cocoa and cocoa-based preparations and beverages; chocolate, chocolate products, chocolate-based preparations and beverages; sugar; biscuits; confectionery; sugar confectionery; cookies; cakes, wafers; toffees; puddings; candies [sweets]; chewing gum, not for medical purpose; bakery products; bread; mixes for making cakes; pastry; edible ices; water ices; sherbets; frozen confections; frozen cakes; ice cream; frozen desserts; frozen yoghurts; cereals; breakfast cereals; muesli; corn flakes; cereal bars; ready-to-eat cereals;

cereal preparations; cereal-based snack food.

Société des Produits Nestlé S.A., 1800, Vevey, Switzerland. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

The mark in use is/will be in the colour(s) Red, blue, (white)

Wickhams Irish Stout

272696 21 March 2025

Class 32. Beer; Beers.

Simon Lambert & Sons Ltd, 37 South Main Street, Wexford Y35 H725, Ireland. Address for service is c/o Simon Lambert & Sons Ltd, C/o Nicky Lambert, 37 South Main Street, Wexford Y35 H725, Ireland.



272697 02 April 2024

Class 35. Retail services relating to clothing; Online retail services relating to clothing; Wholesale services relating to clothing; Retail services in relation to footwear; Wholesale services in relation to footwear; Retail services relating to sportswear; Wholesale services relating to sportswear.

Shane Kelly, Yellowshar, Ashbourne Co Meath A84DD51, Ireland. Address for service is c/o Shane Kelly, Yellowshar, Ashbourne, Co. Meath A84DD51, Ireland.

The logo for SUPRACALM features the word "SUPRACALM" in a bold, white, sans-serif font, centered on a dark navy blue rectangular background.

272698 03 May 2025

Class 5. Dietary and nutritional supplements in the form of powdered drink mixes for promoting relaxation and reducing stress.

Oluwatomi Olagbemi, 3 Elm Grove, Dundalk A91 E9T0, Ireland. Address for service is c/o Oluwatomi Olagbemi, 3 Elm Grove, Dundalk A91 E9T0, Ireland.

The logo for Nails Professional | Natural | Health features the word "Nails" in a large, stylized, black font. Below it, the words "Professional | Natural | Health" are written in a smaller, black, sans-serif font.

272699 26 March 2025

Class 44. Beauty salons; Beauty treatment.

Orit Brahami, 37 Wicklow st, Dublin 2, Dublin D02 AE27, Ireland. Address for service is c/o Orit Brahami, C/O Marie Bell, 37 Wicklow st, Dublin 2, Dublin D02AE27, Ireland.

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

Europa Law

272700 28 March 2025

Class 45. Litigation services [services of a lawyer]; Providing information in the field of law; Legal services provided in relation to lawsuits; Providing online information in the field of law; Reviewing standards and practices to assure

compliance with laws and regulations; Legal advice; Legal conveyancing; Legal drafting; Mediation [legal services]; Legal mediation services; Legal consultation services; Legal investigation services; Legal information services; Legal support services; Registration services (legal); Legal consultancy services; Legal watching services; Legal process serving; Legal aid services; Legal advocacy services; Legal compliance auditing; Attorney services [legal services]; Conveyancing services [legal services]; Legal information research services; Provision of legal information; Bailiff services (legal services); Compilation of legal information; Certification of legal documents; Personal legal affairs consultancy; Legal advice and representation; Legal services relating to wills; Legal services relating to business; Legal due diligence services; Pro bono legal services; Software licensing [legal services]; Legal document preparation services; Professional legal consultations relating to franchising; Information services relating to legal matters; Domain names (Registration of -) [legal services]; Registration of domain names [legal services]; Computer software (Licensing of -) [legal services]; Licensing of computer software [legal services]; Cartoon character licensing [legal services]; Legal services relating to intellectual property rights; Arranging for the provision of legal services; Legal consultancy relating to patent mapping; Legal research

relating to business mergers; Granting of software licenses [legal services]; Granting of software licences [legal services]; Licensing of registered designs [legal services]; Licensing of patent applications [legal services]; Legal services relating to copyright licensing; Expert consultancy relating to legal issues; Consultancy relating to personal legal affairs; Providing information relating to legal affairs; Legal services relating to social insurance claims; Legal services in the field of immigration; Advisory services relating to consumers rights [legal advice]; Legal services relating to the exploitation of patents; Legal services relating to company formation and registration; Legal services relating to the registration of trademarks; Legal assistance in the drawing up of contracts; Provision of information relating to legal services; Legal consultancy relating to intellectual property rights; Legal research relating to real estate transactions; Legal consultation in the field of taxation; Trademark watch services for legal advisory purposes; Legal services relating to time share rights; Legal services relating to the exploitation of film copyright; Legal services for procedures relating to industrial property rights; Legal services relating to the exploitation of transmission rights; Legal services relating to the acquisition of intellectual property; Consultancy services relating to the legal aspects of franchising; Legal services in the field of child protection; Legal services in the field of

data security; Legal services in the nature of trademark monitoring; Legal research in the field of environmental protection; Legal advice in responding to calls for tenders; Legal research in the field of public policy; Legal research in the field of economic policy; Monitoring intellectual property rights for legal advisory purposes; Providing information about legal services via a website; Monitoring industrial property rights for legal advisory purposes; Legal services in relation to the negotiation of contracts for others; Licensing of intellectual property in the field of trademarks [legal services]; Licensing of intellectual property in the field of copyrights [legal services]; Legal and judicial research services in the field of intellectual property; Legal services relating to the exploitation of copyright for printed matter; Preparation of legal reports in the field of human rights; Legal services relating to the exploitation of intellectual property rights; Legal consultancy relating to television advertising, television entertainment and sports; Legal advice in responding to requests for proposals [RFPs]; Licensing [legal services] in the framework of software publishing; Information, advisory and consultancy services relating to legal matters; Legal services relating to the exploitation of broadcasting rights; Legal services relating to the protection and exploitation of copyright for film, television, theatre and music productions; Legal services relating to the exploitation of ancillary rights relating to

film, television, video and music productions; Legal services relating to the negotiation and drafting of contracts relating to intellectual property rights; Registration of domain names for identification of users on a global computer network [legal service]; Legal services relating to the exploitation of ancillary rights in the field of merchandising; Legal services relating to the management and exploitation of copyright and ancillary copyright; Legal services relating to the exploitation of copyright and industrial property rights; Legal services relating to the management, control and granting of licence rights.

Roman Shortall, Ormond Building, 31-36 Ormond Quay, Dublin 7 D07N5YH, Ireland. Address for service is c/o Roman Shortall, Ormond Building, 31-36 Ormond Quay, Dublin 7 D07N5YH, Ireland.

E&S Doctors

272701 28 March 2025

Class 44. Medical consultations; Medical counselling; Medical counseling; Medical consultation; Medical information; Medical screening; Medical testing; Medical clinics; Medical assistance; Medical care; Medical examinations; Medical tele-reporting [medical services]; Medical

examination; Medical advisory services; Medical analysis services; Medical care services; Medical information services; Providing medical information; Medical diagnostic services; Medical consultancy services; Medical examination services; Medical treatment services; Clinic services (Medical -); Medical imaging services; Medical evaluation services; Medical counselling services; Clinic (Medical -) services; Medical assistance services; Medical clinic services; Medical examination of individuals; Medical health assessment services; Medical information retrieval services; Provision of medical services; Provision of medical treatment; Provision of medical assistance; Medical house call services; Medical information (Provision of -); Medical and healthcare clinics; Oral medical care services; Tele-reporting (medical services); Medical care of feet; DNA screening for medical purposes.

Yayicsia Yoliset Escalona Alba, 31-32 Wellington Quay, 1st Floor, Dublin 2 D02 RX80, Ireland.
Address for service is c/o Yayicsia Yoliset Escalona Alba, 31-32 Wellington Quay, 1st Floor, Dublin 2 D02 RX80, Ireland.

Trade Marks Registered under the 1996 Act

271317 (2526) Cl. 35. PaceOps Limited
271318 (2526) Cl. 35. PaceOps Limited
271367 (2526) Cl. 11 40. Owen Leonard
271765 (2531) Cl. 20 35. Supermatic Limited

271852 (2533) Cl. 36 41 44. Futures In Mind CLG
271869 (2533) Cl. 35 43. TANGO STREET FOOD LIMITED
271875 (2533) Cl. 9 35 37. Harvey Norman Retailing Pty. Ltd.
271890 (2534) Cl. 42. TEM Engineering & Management DAC
271891 (2534) Cl. 5. Pharmaq AS
271892 (2534) Cl. 5. Pharmaq AS
271894 (2534) Cl. 41 43. MJ Music Limited
271900 (2534) Cl. 9 11 37. Phoenix UK Services Limited
271908 (2535) Cl. 44. Edel Gahan
271925 (2535) Cl. 9 35 41 42 44. Health Assured Limited
271934 (2535) Cl. 41. Woofland Dog Park
271947 (2535) Cl. 3 21 35. The Country Range Group Limited
271954 (2535) Cl. 25. TRADITIONAL CRAFT LIMITED
271956 (2535) Cl. 9 42. GENAIP Limited
271961 (2535) Cl. 41. Karolina Misztal
271962 (2535) Cl. 25. Vera Lucia da Costa Duraes
271963 (2535) Cl. 29. Tirlán Limited
271977 (2536) Cl. 33. JJ Fox Limited
271978 (2536) Cl. 9 41. Ladbrokes Betting & Gaming Limited
271979 (2536) Cl. 41. The Calm Collective Ltd
271980 (2536) Cl. 9 11 37. Phoenix UK Services Limited
271981 (2536) Cl. 1 2 5 7 9 16 19 28 31 35 36 37 38 41 42 44. ORIGIN ENTERPRISES PLC
271982 (2536) Cl. 1 2 5 7 9 16 19 28 31 35 36 37 38 41 42 44. ORIGIN ENTERPRISES PLC
271983 (2536) Cl. 35 37 41 43 44 45. Empowering U Ltd
271985 (2536) Cl. 25 28 41 44. SENSATIONAL KIDS CLG
271986 (2536) Cl. 25 28 41 44. SENSATIONAL KIDS CLG
271987 (2536) Cl. 3. Rosemarie McGrath
271988 (2536) Cl. 25 35. Tylor Ashley Ginder
271990 (2536) Cl. 9 11 35. Amazon Technologies, Inc.
271993 (2536) Cl. 4 35 37. CERTA IRELAND LIMITED

Renewal of Registrations Under Section 48 of the 1996 Act

47378 Cl. 7. ZF Services UK Limited
47380 Cl. 12. ZF Services UK Limited

47855	Cl. 30. CADBURY UK LIMITED	234032	Cl. 32, Cl. 33. Russian Standard Intellectual Property Holding AG
65910	Cl. 7, Cl. 11. Solventum Intellectual Properties Company	234780	Cl. 19. SIG Trading (Ireland) Limited
66244	Cl. 5. THE COCA-COLA COMPANY	235544	Cl. 1, Cl. 2, Cl. 3, Cl. 4, Cl. 6, Cl. 7, Cl. 8, Cl. 9, Cl. 11, Cl. 16, Cl. 17, Cl. 19, Cl. 20, Cl. 21, Cl. 22. THE BSS GROUP LIMITED
66343	Cl. 32. THE COCA-COLA COMPANY	236984	Cl. 29, Cl. 31, Cl. 32. FRUIT SHIPPERS LIMITED
66518	Cl. 32. THE COCA-COLA COMPANY	237282	Cl. 29. Boyne Valley
67062	Cl. 32. European Refreshments Unlimited Company	237608	Cl. 3, Cl. 21. HENKEL AG & CO. KGaA
77513	Cl. 9. EnerSys Ltd.	239508	Cl. 3. Nike Innovate C.V.
77870	Cl. 1. EXXON MOBIL CORPORATION	252037	Cl. 25, Cl. 33. Mad March Hare International Brands Limited
110759	Cl. 30. EDWARD FLAHAVAN & SONS LTD.	253163	Cl. 29, Cl. 30, Cl. 32, Cl. 35, Cl. 43. Kimberly Gilbert
111520	Cl. 9. Lincoln Global, Inc.	253200	Cl. 3. John O'Shea
111653	Cl. 9. Lincoln Global, Inc.	253327	Cl. 44. Dental Care Ireland Management Limited
111654	Cl. 9. Lincoln Global, Inc.	253438	Cl. 29, Cl. 30. Fox's Burton's Companies (FBC) UK Limited
111655	Cl. 9. Lincoln Global, Inc.	253622	Cl. 30. CADBURY UK LIMITED
111656	Cl. 9. Lincoln Global, Inc.	253679	Cl. 41. Daniel O' Sullivan
111657	Cl. 9. Lincoln Global, Inc.	253847	Cl. 43. Arby's IP Holder Trust
111833	Cl. 29. KEPAK GROUP	253848	Cl. 43. Arby's IP Holder Trust
112789	Cl. 7. ELECTROLUX ESPAÑA, SA	253853	Cl. 6, Cl. 9, Cl. 14, Cl. 18, Cl. 25. Mark Andrew Mc Neill
112797	Cl. 32. THE COCA-COLA COMPANY	253884	Cl. 5. SANOFI
113826	Cl. 5. B. BRAUN MELSUNGEN AG	253911	Cl. 9, Cl. 35. DAA Public Limited Company
114679	Cl. 5. Merus Labs Luxco II S.à r.l	254090	Cl. 30. Irish Pride Fine Foods Unlimited Company
114680	Cl. 5. Merus Labs Luxco II S.à r.l	254091	Cl. 30. Irish Pride Fine Foods Unlimited Company
114694	Cl. 5. G.R. LANE HEALTH PRODUCTS LIMITED	254174	Cl. 44. Dental Care Ireland Management Limited
115223	Cl. 5. Actavis Group ehf.	254175	Cl. 44. Dental Care Ireland Management Limited
116189	Cl. 29. Kepak Group Unlimited Company	254187	Cl. 3. Unilever Global IP Limited
116264	Cl. 19. Onduline	254188	Cl. 3. Unilever Global IP Limited
231715	Cl. 12, Cl. 28. Cruise Clothing Limited	254202	Cl. 31. RAYMOND HARTY
232251	Cl. 5. Bayer Intellectual Property GmbH	254211	Cl. 9, Cl. 37, Cl. 38, Cl. 39, Cl. 42. telent Technology Services Limited
232298	Cl. 41. MARTIN MULLOOLY	255024	Cl. 6, Cl. 19, Cl. 37. Actavo Group Limited
232323	Cl. 10, Cl. 42. Limacorporate S.p.A.	255377	Cl. 9, Cl. 37, Cl. 38, Cl. 39, Cl. 42. telent Technology Services Limited
232370	Cl. 5. Ascensia Diabetes Care Holdings AG	255413	Cl. 11. Stovax Gazco Ltd
232608	Cl. 32. BRITVIC SOFT DRINKS LIMITED	257243	Cl. 3, Cl. 11. BrandCo CND 2020 LLC
232743	Cl. 6. KINGSPAN GROUP PLC		
233084	Cl. 3, Cl. 5. THE PROCTER & GAMBLE COMPANY		
233148	Cl. 5. Kenvue Inc.		
233203	Cl. 3, Cl. 5, Cl. 21. SC Johnson Professional Limited		
233250	Cl. 3. THE PROCTER & GAMBLE COMPANY		
233558	Cl. 43, Cl. 45. Sheraton International IP, LLC		
233559	Cl. 43, Cl. 45. Sheraton International IP, LLC		
233814	Cl. 43. Sheraton International IP, LLC		
233892	Cl. 33. EINIG-ZENZEN 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.

VIMPEL

1227687 20/03/2025

Class 1. Additives, chemical, to fungicides; agricultural chemicals, except fungicides, herbicides, insecticides and parasitocides; anti-sprouting preparations for vegetables; carbolineum for the protection of plants; chemicals for forestry, except fungicides, herbicides, insecticides and parasitocides; chemical preparations to prevent mildew; compost; earth for growing; expanded-clay for hydroponic plant growing (substrate); fertilizing preparations; flower preservatives; grafting wax for trees; glutinous preparations for tree-banding; hormones for hastening the ripening of fruit; horticultural chemicals, except fungicides, herbicides, insecticides and parasitocides; humus; humus top dressing; loam; manure for agriculture; nitrogenous fertilizers; peat (fertiliser); peat pots for horticulture; phosphates (fertilisers); plant" growth regulating

preparations; preparations of trace elements for plants; saltpeter; salts (fertilisers); seaweeds (fertilizers); seed preserving substances; slag (fertilisers); soil conditioning preparations; substrates for soil-free growing (agriculture); superphosphates (fertilisers); tree cavity fillers (forestry).

Class 5. Antiparasitic collars for animals; biocides; anticyptogamic preparations; antiparasitic preparations; carbolineum (parasiticide); chemical preparations to treat mildew; chemical preparations for treating phylloxera; chemical preparations to treat wheat blight (smut); fly catching adhesives; fly destroying preparations; fungicides; herbicides; insect repellents; insect repellent incense; insecticides; larvae exterminating preparations; mothproofing paper; mothproofing preparations; parasitocides; pesticides; poisons; preparations for destroying mice; preparations for destroying noxious animals; pyrethrum powder; rat poison; repellents for dogs; slug exterminating preparations; soil-sterilising preparations; veterinary

preparations; vermin
destroying preparations.

Pryvatne pidpriemstvo "DOL-INVEST", kvartal
Levchenko, 1a, kv. 18, m., Luhansk 91051, Ukraine

Notings: Mark Translation: Streamer.

Representative: Tatyana Mesheryakova, Sinna
str., office 15a., province
Poltavskaya, Poltava 36039,
Ukraine



1388720 14/01/2025

Class 3. Cuticle removing
preparations; functional
cosmetics; cosmetic creams
for firming skin around eyes;
eye wrinkle removing
creams; massage oil; massage
creams; non-medicated
massage preparation; make-
up; make up bases
(cosmetics); pore tightening
pack (cosmetics); body oils;
body cleanser; skin
moisturizer masks; skin
lotions; skin creams; eye

liner; eye cream; skin
whitening creams; mask pack
for cosmetic purposes;
serums for cosmetic
purposes.

KIM HEE JUN, (Doosan apartment complex,
Sinheung-dong) 103-dong 704-ho, 360, Gongwon-
ro, Sujeong-gu, Seongnam-si, Gyeonggi-do,
Republic of Korea

Colour Claimed: Green tea leaves on the head
are made of green and pistachio
colors., One is green and the
other is pistachio color; the
entire rabbit face is black; on
top of the rabbit-shaped head,
the green leaves consist of
green and pistachio color.



1594900 12/02/2025

Class 9. Software; computer gaming
software; computer software
packages; computer operating
system software; computer
software, recorded; software
drivers; virtual reality
software; games software;
entertainment software for
computer games; computer
programs for network
management; operating
computer software for main
frame computers; monitors
(computer hardware);
computer hardware;
apparatus for recording
images; monitors (computer
programs); computer game
programs; computer
programs for recorded games;

	apparatus for recording, transmission or reproduction of sound or images; communications servers [computer hardware]; electronic components for gambling machines; computer application software featuring games and gaming; computer software for the administration of on-line games and gaming; computer hardware for games and gaming; electronic components and computer software for gambling, gambling machines, gambling games on the Internet and via telecommunication network.		
Class 28.	Gaming machines for gambling; chips for gambling; mah-jong; arcade games; gambling machines operating with coins, notes and cards; games; electronic games; parlor games; gaming chips; gaming tables; slot machines [gaming machines]; LCD game machines; slot machines and gaming devices; coin-operated amusement machines; roulette chips; poker chips; chips and dice [gaming equipment]; gaming equipment for casinos; roulette tables; gaming roulette wheels; casino games; gambling machines and amusement machines, automatic and coin-operated; coin-operated amusement machines and/or electronic coin-operated amusement machines with or without the possibility of gain; boxes for coin-operated machines, slot machines and gaming machines; electronic or electrotechnical amusement machines and apparatus, gaming machines, coin-operated entertainment machines; housings for coin-operated machines, gaming	Class 41.	equipment, gaming machines, machines for gambling; electropneumatic and electrical gambling machines (slot machines). Gambling; entertainment services related to gambling; gaming services for entertainment purposes; casino, gaming and gambling services; training in the development of software systems; provision of equipment for gambling halls; providing casino equipment [gambling]; gaming machine entertainment services; providing casino facilities [gambling]; gaming hall services; amusement arcade services; games equipment rental; rental of gaming machines; providing amusement arcade services; rental of gaming machines with images of fruits; editing or recording of sounds and images; sound recording and video entertainment services; hire of sound reproducing apparatus; provision of gaming equipment for casinos; providing of casino facilities; online gambling services; casino, gaming and gambling services; provision of gaming facilities, gaming hall facilities, Internet casinos and online gambling services.
			Euro Games Technology Ltd., 6 Panorama Sofia Str., Richhill Business Center, ground floor, Vitosha region, BG-1766 Sofia, Bulgaria
		Colour Claimed:	Red, black, green, brown, orange, pink, yellow and white., Red, black, green, brown, orange, pink, yellow, white - for the word elements.
		Representative:	KOSTADIN MANEV, MANEV AND PARTNERS, 73, Patriarh Evtimii Blvd., Floor 1, BG-1463 SOFIA, Bulgaria

REVO FITNESS

1705246 16/04/2025

- Class 24. Towels of textiles, including hand towels, face towels and athletic towels.
- Class 41. Operation of health and fitness clubs; provision of health, fitness and gymnasium services; provision of facilities relating to sports training, weight training, body building, aerobic and physical exercise; provision of exercise equipment; instruction and information services relating to health and fitness; fitness and exercise clinics; small group training in the field of health, fitness, aerobic and physical exercise; physical fitness and sports training services; personal training services; sports consultancy; sports performance training; educational and training services; organising charitable fundraising events being the provisions of entertainment, sporting and cultural services; organisation of sporting activities and events.

Holder Group Pty Ltd, Suite 8, Level 2, 216 Stirling Highway, Claremont WA 6010, Australia

Representative: Griffith Hack, GPO Box 1285, Melbourne Vic 3001, Australia

The logo for REVO FITNESS. The word 'REVO' is in a large, bold, black sans-serif font. Below it, the word 'FITNESS' is in a smaller, black sans-serif font, with wide letter spacing.

1716901 16/04/2025

- Class 24. Towels of textiles, including hand towels, face towels and athletic towels.
- Class 41. Operation of health and fitness clubs; provision of health, fitness and gymnasium services; provision of facilities relating to sports training, weight training, body building, aerobic and physical exercise; provision of exercise equipment; instruction and information services relating to health and fitness; small group training in the field of health, fitness, aerobic and physical exercise; physical fitness and sports training services; personal training services; consultancy relating to sports training; sports performance training; educational and training services; organising charitable fundraising events being the provisions of entertainment, sporting and cultural services; organisation of sporting activities and events.

Holder Group Pty Ltd, Suite 8, Level 2, 216 Stirling Highway, Claremont WA 6010, Australia

Representative: Griffith Hack, GPO Box 1285, Melbourne Vic 3001, Australia

WALKER TAPE

1757814 18/03/2025

- Class 3. Adhesives for affixing false hair; adhesive removers for false hair; shampoos; hair conditioner; hair care products, namely, sealant spray for use in sealing and protecting knots in false hair; bonding glue for false hair being hair piece bonding glue; cosmetic preparations for the hair and scalp; tape for affixing false hair to the head.
- Class 26. Double stick tape for affixing clothing to the body.

Walker Tape Co. Inc., 9312 S. Prosperity Rd., West Jordan UT 84081, United States of America

Representative: Courtney Jackson Armstrong
Teasdale LLP, 7700 Forsyth Blvd., Ste. 1800, St. Louis MO 63105, United States of America

Registration of this Trade Mark gives no right to the exclusive use of "TAPE"

RELFYDESS

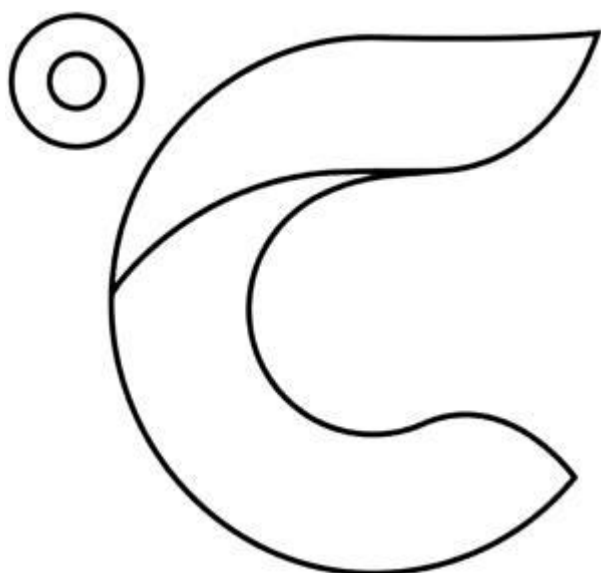
1770127 13/03/2025

- Class 3. Cosmetic preparations based on medicinal liquids and a gel for filling wrinkles, folds, scars, lips, for face and body contour and skin rejuvenation; non-medicated skin care preparations; cosmetic preparations for wrinkled skin treatment; non-medicated anti-wrinkle skin care preparations.
- Class 5. Medicinal preparations based on a dermatological preparation in the nature of medicated dermatological preparations and substances, alone or in kits, including but not limited to, pre-filled syringes, for the treatment of filling wrinkles, folds, scars, and lips, for face and body contour and skin rejuvenation; medicinal preparations for the treatment of bags under the eyes, dark circles, wrinkles, excess fat, tired and droopy eyes, loss of facial volume, sunken cheeks, reduced facial contours and structure, reduced skin quality, sun spots; pharmaceutical preparations for the treatment of bags under the eyes, dark circles, wrinkles, excess fat, tired and droopy eyes, loss of facial volume, sunken cheeks, reduced facial contours and structure, reduced skin quality, sun spots; injectable pharmaceutical products, namely, injectable dermal filler; injectable gels for use in the treatment and repair of joint cartilage; injectable dermal filler products, namely, injectable dermal fillers; pharmaceutical preparations for skin care; muscle relaxants.
- Class 10. Medical devices, namely, implants consisting of artificial materials in gel form used for filling wrinkles, folds, scars, lips, for face and body contour and skin

rejuvenation; syringes for injections; injection devices for pharmaceutical products.

Galderma Holding SA, Zählerweg 10, CH-6300 Zug, Switzerland

Representative: Katherine P. Califa, Foley & Lardner LLP, Washington Harbour, 3000 K Street, N.W. Suite 600, Washington DC 20007-5109, United States of America



1794136 31/01/2025

- Class 5. Dietetic preparations; dietetic food supplements; dietary and nutritional supplements; homeopathic supplements; herbal supplements.
- Class 25. Clothing; footwear; hats; headgear.
- Class 28. Sporting and physical exercise equipment; toys, games, playthings.
- Class 30. Tea; tea-based beverages; tea beverages; beverages made of

tea; tea substitutes; tea for infusions; chewing gum; coffee based beverages; grain-based snack bars.

- Class 32. Non-alcoholic beverages; energy drinks; non-alcoholic preparations for making beverages; vitamin fortified non-alcoholic beverages; preparations for making beverages, namely, tablets and powders for making non-alcoholic beverages in the nature of sports drinks, energy drinks, soft drinks, sports recovery drinks and non-alcoholic cocktails.

- Class 35. Retail and online retail services in relation to dietary and nutritional supplements, dietetic preparations, homeopathic supplements, herbal supplements; retail and online services in relation to clothing, footwear, headgear, parts of clothing, footwear and headgear; retail and online retail services in relation to sporting and physical exercise equipment, toys, games, playthings; retail and online retail services in relation to tea-based beverages, tea, tea beverages, beverages made of tea, tea substitutes, tea for infusions; retail and online retail services in relation to non-alcoholic beverages, energy drinks, non-alcoholic preparations for making beverages, soft drinks for energy supply; retail and online services in relation to educational supplies; marketing services in the field of restaurants; online ordering services in the field of restaurant take-out and delivery.

- Class 36. Charitable fundraising services; providing information relating to charitable fundraising.

Class 41. Entertainment services; music concerts; educational services; organization of conferences, exhibitions and competitions; organization of competitions or other sporting and cultural events for charitable purposes; organization of entertainment events; arranging and conducting of entertainment events; education and instruction services; live entertainment services; organization of live shows; presentation of live performances; arranging of cultural events; organization of cultural events; arranging of musical events; organization of cultural and arts events; organizing, arranging and conducting of educational events; music performance services; live musical performances; musical entertainment services; live musical concerts.

Class 43. Bar and restaurant services; provision of food and drink; information and advice in relation to the preparation of meals; consultancy service relating to food; consultancy services in the field of food and drink catering; consultancy services in the field of culinary arts; providing information about restaurant services; bar information services; restaurant reservation services; reservation and booking services for restaurants and meals.

Celsius Holdings, Inc., 4th Floor, 2381 NW Executive Center Drive, Boca Raton FL 33431, United States of America

Representative: MSA IP - Milojevic Sekulic & Associates, Karadjordjeva 65, 11000 Belgrade, Serbia

123 bearing

1811349 30/04/2024

Class 4. Lubricants and greases for vehicles.

Class 7. Transmission components, namely rolling bearings, belts, rings, bearings, spherical bearings, balls and sealing rings, chains, spring lock washers, nuts, anti-vibration blocks.

MYCELIUM ROULEMENT, 60 rue du Haut de SAINGHIN, CRT 4 DE LESQUIN RUE LEO FERRE, F-59273 FRETIN, France

Representative: Monsieur STRIDE Sylvain
STRIDE AVOCAT, 9 rue MARACCI, F-59800 LILLE, France

MEADOWVALE

1826007 09/05/2024

Class 29. Meat; fish; poultry; game; meat extracts; preserved, frozen, dried and cooked fruits, vegetables, fungi, nuts and pulses; jellies; jams; compotes; eggs; milk; cheese; butter; yoghurt and other milk products; oils and fats for food; fresh meat; frozen meat

and meat products; prepared meat and meat products; prepared meat dishes; prepared meals consisting primarily of meat; frozen meals consisting primarily of meat; fresh poultry; frozen poultry and poultry products; prepared poultry and poultry products; prepared poultry dishes; prepared meals consisting primarily of poultry; frozen meals consisting primarily of poultry; frozen fish and fish products; prepared fish and fish products; prepared fish dishes; prepared meals consisting primarily of fish; frozen meals consisting primarily of fish; seafood; frozen seafood and seafood products; prepared seafood and seafood products; prepared seafood dishes; prepared meals consisting primarily of seafood; frozen meals consisting primarily of seafood; fresh game; frozen game and game products; prepared game and game products; prepared game dishes; prepared meals consisting primarily of game; frozen meals consisting primarily of game; formed textured vegetable protein for use as a meat substitute; food products made primarily from formed textured vegetable protein; meat substitutes; food products made primarily from meat substitutes; cooked meats; cured meats; sausages; burgers; prepared vegetables; prepared vegetable products; frozen vegetable products; prepared fruits; prepared fruit products; frozen fruit products; processed vegetables and fruits; vegetable and fruit purees; fruit and vegetable spreads; vegetable oils; prepared vegetable dishes; prepared meals consisting primarily of

vegetables; frozen meals consisting primarily of vegetables; vegetable-based snack foods; fruit-based snack foods; fruit salads; prepared salads; dairy products and dairy substitutes; cream; cheese products; dairy spreads; dairy desserts; dairy-based drinks; yoghurt desserts; yoghurt-based drinks; egg products; prepared meals consisting primarily of eggs; fruit desserts; crisps; potato crisps; vegetable crisps; processed nuts; prepared nuts; processed seeds; prepared seeds; soups; stocks; meat extracts; extracts for soups; preparations for making soups.

Class 30. Coffee, tea, cocoa and artificial coffee; rice; pasta; noodles; tapioca and sago; ices; sugar, honey, treacle; yeast, baking-powder; salt; mustard; vinegar, sauces (condiments); cooking sauces; fruit and vegetable sauces; savoury sauces, chutneys and pastes; dressings for food; salad dressings; mayonnaise; relish; gravy; gravy mixes; gravy mixes in granular form; dried herbs and seasonings; ice; flour and preparations made from cereals; bread, pastry and confectionery; pastry stuffed with meat and vegetables; pastry stuffed with poultry; pastry stuffed with vegetables; pies containing meat; pies containing poultry; pies containing vegetables; pies; pasties; bread products; sandwiches; sandwich wraps; pizzas; frozen pizzas; prepared pizza meals; garlic bread; cereal-based snack foods; cakes; cake frosting [icing]; muffins; biscuits; puddings; dairy puddings;

custards; mousses; pancakes;
waffles; ice cream products.

Priority Date Claimed: 07 December 2023 United Kingdom

Meadowvale Foods Ltd, Morton, Oswestry,
Shropshire SY10 8BH, United Kingdom

Representative: Meissner Bolte (UK) Limited,
4a Top Land Country Business
Park, Cragg Vale, Hebden
Bridge, West Yorkshire HX7
5RW, United Kingdom

Dalezz

1830230 08/02/2025

Class 29. Pork food; fish based food;
edible seaweed extract;
canned soup; potato flakes;
processed betel nut; dried
seaweed slices (dried
seaweed); egg; yoghurt; plant
based milk substitutes; edible
oil; jellies for food, other than
confectionery; processed
nuts; dried edible fungus;
natural or artificial sausage
casing.

Class 30. Coffee; tea; tea beverage;
rock sugar; candy; honey;
biscuit; pastries; bread;
congee; cereal preparations;
noodles; snacks based on
grains; potato flour; ice
cream; condiments; yeast;
food flavorings, other than
essential oils; meat
tenderizers for culinary
purposes; gluten prepared as
foodstuff; preparations for
stiffening whipped cream.

Class 32. Beer; sports drinks; fruit juice
beverage; non-alcoholic
carbonated beverage;
vegetable-based beverages;
energy drinks; soya-based
beverages, other than milk
substitutes; water (beverage);
non-alcoholic beverages; non
alcoholic ingredients for
making beverages.

DALI FOODS GROUP LIMITED, Linkou, Zishan
Town, Hui'An County, Quanzhou, 362100 Fujian,
China

Representative: Quanzhou Fengze Xinhua
Trademark Agency Co., Ltd,
Room A706-A707, Office
Building of Huachuangyuan,
No. 801 Xifu Road, Huacheng
Residential District, Huada
Street, Fengze District,
Quanzhou City, Fujian
Province, China



1837820 26/12/2024

Class 32. Beer; beer-based beverages; beer-based cocktails; malt beer; non-alcoholic beer; non-alcoholic beer flavoured beverages; non-alcoholic beer-based cocktails; non-alcoholic cocktails; ales; ale-based beverages; lagers; lager-based beverages; stout; stout-based beverages; porter; porter-based beverages; non-alcoholic seltzers; seltzer water; mineral and aerated waters and other non-alcoholic drinks; sparkling water; carbonated water; flavoured carbonated beverages; flavored waters; non-alcoholic malt beverages; malt based preparations for making beverages; fruit juice; fruit drinks; fruit based drinks; fruit-flavoured beverages; syrups and other non-alcoholic preparations for making beverages.

Priority Date Claimed: 09 September 2024
Singapore

HEINEKEN ASIA PACIFIC PTE. LTD., 459
JALAN AHMAD IBRAHIM, SINGAPORE
639934, Singapore

Representative: BIRD & BIRD ATMD LLP, 2
SHENTON WAY, #18-01
SGX CENTRE I,
SINGAPORE 068804,
Singapore

Address for
service: Patricia McGovern, c/o DFMG
Solicitors, 38/39 Fitzwilliam
Square, Dublin Dublin 2,
Ireland

FANCLUB

1840493 23/12/2024

Class 9. Downloadable software and mobile applications for virtual conferencing and social networking; downloadable software and mobile applications for instant messaging and emailing; downloadable software and mobile applications for data, text, images, videos and multimedia and digital content creation, sharing, editing, streaming and transmission; downloadable software and mobile applications for online and physical event searching, organizing and management; downloadable software and mobile applications for digital project funding and promotion; downloadable software and mobile applications for online advertising, namely creating, managing and disseminating advertising; downloadable software and mobile applications for online payments and money transfers; downloadable software and mobile applications for sending and receiving virtual currency; downloadable software and mobile applications for storing information and data in the field of blockchain; downloadable software and mobile applications for blockchain based digital asset management.

Class 42. Providing temporary use of online non-downloadable software for virtual conferencing and social networking; providing temporary use of online non-downloadable software for instant messaging and emailing; providing temporary use of online non-

downloadable software for data, text, images, videos and multimedia and digital content creation, sharing, editing, streaming and transmission; providing temporary use of online non-downloadable software for peer-to-browser photo sharing, namely, a technology enabling users to upload, view, and download digital photos and videos; providing temporary use of online non-downloadable software for online and physical event searching, organizing and management; providing temporary use of online non-downloadable software for digital project funding and promotion; providing temporary use of online non-downloadable software featuring technology for sending and receiving virtual currency; providing temporary use of online non-downloadable software for storing information and data in the field of financial transactions on a blockchain; providing temporary use of online non-downloadable software for blockchain based digital asset management.

FanClub LLC, 4727 Winchester Avenue, Lisle IL 60532, United States of America

Representative: Christine ALLAN de LAVENNE, 32 rue Fortuny, F-75017 Paris, France

Address for service: Christine ALLAN de LAVENNE, SIDE Avocats/Law Office, 32 rue Fortuny, 75017 Paris, France



1841998 16/10/2024

Class 9. Downloadable software for word processing, spreadsheets, calendar, instant messaging, group ware for calendar sharing, collective writing, email handling and shared database access, document sharing, personal organizer functions, to edit, create, publish, and design presentations, managing events, project management, collaboration, and online polling; downloadable software for customizable CRM solution, small business customer relationship management and smart HR management; downloadable software for core accounting, stock tracking, bank reconciliation, and managing projects, to automate workflows, a powerful financial platform for business growths; downloadable software for enabling customers to build custom solutions using a low code platform; downloadable software for creating, sending, and receiving secure business emails, for centralizing team workspace, simplifying file storage, and streamlining team communication; downloadable software for secure cloud-based remote support and remote access software to deliver a top-notch customer support experience; downloadable

software for enabling customers to conduct online meetings, to manage their files online, simplifying data collection with online forms, enabling digital signature; downloadable software for creating custom-reports to analyse social media performance, to communicate with every site visitor, for creating surveys, for creating website, for managing virtual events and handling customer communications.

Class 42. Providing temporary use of on-line non-downloadable software for word processing, spreadsheets, calendar, instant messaging, group ware for calendar sharing, collective writing, email handling and shared database access, document sharing, personal organizer functions, to edit, create, publish, and design presentations, managing events, project management, collaboration, and online polling; providing temporary use of on-line non-downloadable software for customizable CRM solution, small business customer relationship management and smart HR management; providing temporary use of on-line non-downloadable software for core accounting, stock tracking, bank reconciliation, and managing projects, to automate workflows, a powerful financial platform for business growths; providing temporary use of on-line non-downloadable software for enabling customers to build custom solutions using a low code platform; providing temporary use of on-line non-downloadable software for creating, sending, and receiving secure business emails, for centralizing team workspace, simplifying file

storage, and streamlining team communication; providing temporary use of on-line non-downloadable software for secure cloud-based remote support and remote access software to deliver a top-notch customer support experience; providing temporary use of on-line non-downloadable software for enabling customers to conduct online meetings, to manage their files online, simplifying data collection with online forms, enabling digital signature; providing temporary use of on-line non-downloadable software for creating custom-reports to analyse social media performance, to communicate with every site visitor, for creating surveys, for creating website, for managing virtual events and handling customer communications.

ZOHO CORPORATION PTY LTD, SE 3002 201
Elizabeth Street, SYDNEY NSW 2000, Australia

Colour Claimed: The color(s) red, green, blue, yellow and black is/are claimed as a feature of the mark., Red (#E42527), Green (#089949), Blue (#226DB4), and Yellow (#DF9B21D).

Notings: The request for protection is proceeding with the consent of the proprietors of Registered European Union Trademark Nos. 18721836 and W00929558.

LANBOOM

1848205 31/12/2024

- Class 6. Props of metal; fittings of metal for compressed air lines; elbows of metal for pipes; fittings of metal for building; bindings of metal; cable joints of metal, non-electric; ironmongery; hardware of metal, small; reels of metal, non-mechanical, for flexible hoses; containers of metal [storage, transport].
- Class 7. Wrapping machines; machines for processing plastics; glass pipe coilers [machines]; wire drawing machines; air-operated staple gun; hand-held hydraulic tools; hand-held tools, other than hand-operated; hand-held pneumatic tools; compressed air machines; aviation oil feeding vehicle joint.
- Class 8. Agricultural implements, hand-operated; garden tools, hand-operated; hand drills, hand-operated; punches [hand tools]; taps [hand tools]; tube cutting instruments; guns [hand tools]; hand tools, hand-operated; knives; table cutlery [knives, forks and spoons].

Zhejiang Langlangsheng Trading Co., Ltd, Rm.501, B-5/F., Building 1, Smart Cube Technology Center, No.139, Xiangyuan Road, Gongshu District, Hangzhou City, Zhejiang Province, China

Representative: Zhejiang Huayao Intellectual Property Co., Ltd., 3rd Floor-3, Area A, Science and Technology Building, Kechuang Park, No. 968, Xuefeng West Road, Beiyuan Street, Yiwu City, Zhejiang Province, China, China

SKELLERUP EVOLUTION

1849798 28/01/2025

- Class 7. Milking machines; rubber liners and filtering products for milking machines; rubber products for milking machines, namely milking liners; rubber products for milking machines, namely milk tubes, claw tubes, longtail bends, air tubes, filter sleeves, milk filters, milking inflations, short air tubes, gaskets; teat cups for milking machines; suction cups for milking machines; milking machine parts, namely, teat cup liners, milking liners, and jetter cups; milking machine parts, namely, tubes for collecting and transporting milk; milk collecting installations, namely, hydraulic pumps and machines, for mounting on tankers; parts and fittings for the aforesaid goods.

Priority Date Claimed: 20 August 2024 New Zealand

SKELLERUP INDUSTRIES LIMITED, 11 Stark Drive, Wigram, Christchurch 8042, New Zealand

Representative: AJ PARK, Aon Centre, Level 22, 1 Willis Street, Wellington 6011, New Zealand

BOTUO

1849821 19/11/2024

Class 7. Pumps [parts of machines, engines or motors]; centrifugal pumps; washing apparatus; machines and apparatus for cleaning, electric; washing installations for vehicles; pumps [machines]; cleaning appliances utilizing steam; high pressure washers; spraying machines; dynamos.

Priority Date Claimed: 19 July 2024 China

Priority Date Claimed: 06 August 2024 China

Zhejiang Botuolini Machinery Co., Ltd., Building 3,
No. 732, Haichang Road, Sanjia Street, Taizhou Bay
New District, 318000 Taizhou City, Zhejiang
Province, China

Representative: Zhejiang Liquan Law Firm, 3rd
Floor, Building 6, Intime City,
Central Avenue, Jiaojiang
District, Taizhou City, Zhejiang
Province, China

**1850206** 30/01/2025

Class 9. Downloadable computer software to enable users to access and interact with information in the fields of recruitment, employment,

careers, resumes, human resources, business development, marketing, advertising, business consulting, business management, business organization, career networking, professional staffing, and career development; downloadable computer software for management, administration, tracking, monitoring, and assessment of staffing, hiring, recruiting, and employee-retention processes; downloadable computer software for recruiters and managers to review, search, identify, rank, and contact job candidates and personnel; downloadable computer software for matching job candidates and personnel with employment opportunities, and providing employee referrals to recruiters and managers; downloadable computer software using artificial intelligence (AI) for management, administration, tracking, monitoring, and assessment of staffing, hiring, recruiting, and employee-retention processes.

Class 42. Providing temporary use of on-line non-downloadable computer software to enable users to access and interact with information in the fields of recruitment, employment, careers, resumes, human resources, business development, marketing, advertising, business consulting, business management, business organization, career networking, professional staffing, and career development; providing temporary use of on-line non-downloadable computer software for management, administration, tracking,

monitoring, and assessment of staffing, hiring, recruiting, and employee-retention processes; providing temporary use of on-line non-downloadable computer software for recruiters and managers to review, search, identify, rank, and contact job candidates and personnel; providing temporary use of on-line non-downloadable computer software for matching job candidates and personnel with employment opportunities, and providing employee referrals to recruiters and managers; providing temporary use of on-line non-downloadable computer software using artificial intelligence (AI) for management, administration, tracking, monitoring, and assessment of staffing, hiring, recruiting, and employee-retention processes.

Priority Date Claimed: 21 October 2024 United States of America

Mojohire Corp, 300 Orchard City Drive, Suite 136, Campbell CA 95008, United States of America

Representative: Steven M. Espenshade Pirkey Barber PLLC, 1801 East 6th Street, Suite 300, Austin TX 78702, United States of America

1851623 28/01/2025

- Class 5. Dietary supplements for human nutrition; pharmaceutical preparations; pharmaceutical formulations; pharmaceutical products and natural medicinal products; dietary products for children.
- Class 29. Soups; consommés, canned soups, soup extracts, powder soups, soup mixes, soups and broths, meat extracts, processed fruit; processed mushrooms; vegetables; nuts and legumes, frozen vegetable meals; falafel; ready-made vegetable-based food for young children, ready-made meals predominantly consisting of meat substitutes, ready-made meals predominantly consisting of meat; ready-made meals predominantly consisting of vegetables, ready-made meals predominantly consisting of fish, ready-made meals made with meat (meat predominates), ready-made soup, ready-cooked meals consisting entirely or mostly of meat, ready-made meat dishes, ready-made salads, beef broth, potato-based snacks, sweetcorn-based snacks, legume-based snacks, milk-based snacks; nut-based snacks, vegetable-based snacks, dried fruit-based snacks; potato chips, meat snacks, fruit and nut bar snacks, stews, hummus (chickpea paste), fish dishes, stewed beef dish, soup with noodles, soups; soup cubes, soup concentrates; fruit cream, potato croquettes, cooked meat dishes, canned olives, prepared olives, olives stuffed with red pepper; meatballs; soup mixes, potato dumplings, vegetable soup preparations, vegetable-based

The logo for Podravka, featuring the word "Podravka" in white sans-serif font on a red rectangular background. To the right of the text is a white stylized heart or leaf symbol.

appetizers; soup preparation pastes, chilled food predominantly consisting of fish, ragout; stuffed olives, prepared meat, appetizer salads, vegetable salads, legume salads, canned pork and beans, casseroles, fruit salads, fruit snacks; pre-cooked soup, pre-prepared vegetable dishes; ajvar (canned pepper paste), almond milk, almond milk for culinary use; broad beans; canned berries; jams; fish fillets; canned peas, soups; meat burgers, smoked sausages, expanded cracklings, frankfurters; cold cuts, hamburgers, instant stew, liver pate, sausages, blood sausages, canned meat, canned sausages, canned meat products, meat pates, canned meat products, sausage meat, minced meat, meat steaks; canned deli meats, deli meats, parisian sausage, packaged meat; processed meat products, chicken pate, prosciutto, patties, meat patties, bacon, salamis, ham, dried sausages, fresh meat, meat substitutes, compotes, concentrates of pure meat broths, canned meat, canned fish, tomato concentrate (puree), pickles, processed sweetcorn, marmalade, meat, vegetable-based spreads, processed vegetables, processed fruit, tomato paste; plum jam, canned vegetables (in oil), sliced canned vegetables, canned vegetables, vegetable cooking concentrate; vegetable soup preparations, soup preparation mixes, tomato puree, tomato paste, canned fish, non-living fish, seafood, and shellfish, broth preparation ingredients, cured meats, canned fruit, fruit pulp, milk substitutes, oat milk; jellies, jams, compotes,

fruit and vegetable spreads, whipped cream, whipped cream.

Class 30. Flavourings for cakes (except essential oils), sweets, mousses (desserts), chocolate sweets, sweets, cakes, pies, and biscuits, flour, corn flour, oat flour, wheat flour, doughnut flour, pizza flour, cake flour, wheat starch, cereal flour, mixed food flour, wheat flour (for food), dough flour, corn flour (for food), buckwheat flour (for food), tea, chocolate spreads with nuts, ready-made rice dishes, dishes consisting primarily of rice, pasta dishes, cocoa, ketchup (tomato sauce), crackers, croissants, semolina, corn semolina, processed semolina, breadcrumbs, yeast, marinades, dough mixes, chocolate-based spreads, oat and wheat flakes, oat-based food, oat-based food for human consumption, baking powder, whipped cream stabilizer preparations, puddings, noodles, instant noodles, rice noodles, egg noodles, rice noodles, rice, mustard, sweets, dough, wholemeal pasta, dried pasta, food pasta, stuffed pasta, buckwheat pasta, soup pasta, pasta containing eggs, shell-shaped pasta, pasta as a food product, toast, fruit jellies (confectionery product), culinary spices, side dishes (spices), powdered spices, food spices, dried spices, mixed spices, edible spices, baking spices, spice-based marinades, salt, spices, flavourings, and spice sauces, vegetable-based spices for pasta, sauces, cereal, horseradish sauces, polenta (cornmeal porridge), confectionery products (non-medical), breakfast cereals,

porridge, milk-based cereals
(for food), cakes.

Class 35. Advertising, business
management.

"PODRAVKA" prehrambena industrija d.d., Dr.
Ante Starčevića 32, HR-48000 Koprivnica, Croatia

Colour Claimed: Red and white.



1852390 03/03/2025

Class 32. Beers; mineral and aerated
waters and other non-
alcoholic beverages;
beverages based on fruit and
fruit juices; syrups and other
preparations for making
beverages.

LES EAUX MINERALES D'OULMES, ZI
BOUSKOURA, 20180 CASABLANCA, Morocco

Colour Claimed: White, royal blue, capri blue
and red

Representative: IP PERFORMANCE,
ESCALIER B2 ETAGE 1
APPARTEMENT 4, 236 BD
ABDELMOUMEN, ANGLE
RUE PASQUIER, 20250
CASABLANCA, Morocco



GIORDANO

1852453 24/02/2025

Class 25. Clothing, footwear,
headwear.

Class 35. (Online) retail and wholesale
services relating to clothing,
footwear and headwear.

Priority Date Claimed: 29 August 2024 Benelux

Verweij Fashion B.V., Keienbergweg 103, NL-1101
GG Amsterdam, The Netherlands

Representative: Brinkhof N.V., Grote
Bickersstraat 74 -78, NL-1013
KS Amsterdam, The
Netherlands

JoyCat

1853308 14/04/2025

Class 28. Toy animals; toys for pets;
lever action toys; dog toys;
toy food; toy led light sticks;
beanbags being playthings;
dolls' rooms; toy ball.

Guangzhou Shoujia Electronics Technology Co.,
Ltd., Room 1306, No. 1000 Xingangdong Road,
Haizhu District Guangzhou City, 510000 Guangdong
Province, China

Arppaso

1853412 08/02/2025

Class 25. Clothing; ready-made
clothing; layettes [clothing];
bathing suits; raincoats;
footwear; caps being
headwear; hosiery; gloves
[clothing]; scarves.

QUANZHOU RUIJUN SPORTS GOODS
LIMITED COMPANY, No.11, North Changtai
Road, Changtai Sub-district Office, Licheng District,
Quanzhou, 362000 FuJian, China

 **woodpecker**

1853445 08/11/2024

Class 6. Branch outlet fittings of
metal; safety fittings of metal
for doors; ring-shaped fittings
of metal; cabinet fittings of
common metal; fittings of
metal for compressed air

ducts; window furniture of
metal; metal joinery fittings;
wardrobe rail fittings of
metal; metal door trim; steel;
firedogs [andirons]; mobile
homes [transportable
buildings] of metal;
aluminium; masonry anchors
of metal; pressure actuated
rings [metal]; split rings of
common metal for keys; wall
hooks of metal for pipes;
rings of metal; angle irons of
metal; anvils [portable]; wall
plugs of metal; screws of
metal; self-tapping metal
screws; set screws of metal;
wood screws made of metal;
screw caps of metal; eye
bolts; screw covers of metal;
ice screws of metal;
thumbscrews [fasteners] of
metal; metal expanding
sleeves for affixing screws;
metal brads; pins [metal
hardware] for panels; pins
[metal hardware] for veneers;
nails of metal; fixing nails of
metal; pitons of metal; pitons
of metal; masonry nails of
metal; metal hardware being
glazing sprigs; picture rails of
metal; pitons of metal;
soldering metals in bar form;
washers of metal; washers
[metal hardware]; lock
washers of metal; lock
washers of metal; cowls of
metal; ties of metal for
binding; metal bolts
[fasteners]; retaining [fixing]
devices of metal; anchor
channels of metal; fixing
devices of metal; anchor
chains of metal; fixing plates
of metal; fasteners of
common metal; metal
fasteners for scaffolds;
architectural fasteners of
metal; brackets of metal used
for fixing plaques; clips of
metal for cables and pipes; tie
wire of metal for binding;
screw threaded fasteners of
metal; hinges of metal for the
fixing of pipes; hinges of

metal for the fastening of electrical cables; metal fastening anchors [for securing pictures to walls]; weatherstrippings of metal; fittings of metal for furniture; fittings of metal for windows; door fittings of metal; ironwork for windows; fittings of metal for coffins; fittings of metal for building; window seals of metal; bulkhead fittings of metal [other than vehicles]; nuts of metal; nuts [metal hardware]; lock nuts of metal; threaded nuts of metal; nuts, bolts and fasteners, of metal; screw-in insert nuts of metal; tool storage containers of metal [empty]; metallic mountings; aluminium supports for panels; brickwork supports of metal; screw rivets of metal; flanges of metal [collars]; adjustable collars [metal]; collars of metal for fastening pipes; clips of metal for cables and pipes; tension links; u-bolts of metal; stretchers for iron bands [tension links]; metal brackets; spacer brackets of metal; stretchers for metal bands [tension links]; tension links of metal; metal brackets for use in the construction and assembly of decking; stretchers for iron bands [tension links]; laths of metal; strap-hinges of metal; brackets of metal for building; zip ties of metal; clips of metal for pipes; cables, wires and chains, of metal; binding screws of metal for cables; cable stretchers; cable straps of metal; cable clamps of metal; cable supports made of metal; cable joints of metal, non-electric; cable junction sleeves of metal, non-electric; clips of metal for cables and pipes; racking [structures] of metal for supporting cables;

adaptors for pipes [metal]; anchors of metal; metal goods for use in construction; rods of metal; jets of metal; general purpose metal storage bins; escutcheons of metal; buckles of common metal [hardware]; expansion bolts of metal; expansion bolts of metal; screw bolts of metal; self-tapping metal bolts; structural steels; metal tool boxes; lock bolts; gantries [structures] of metal; pivots of metal; cotter pins of metal; metal hardware; rails of metal; metal conduit; containers of metal [storage, transport]; flashing of metal for building; wedges of metal; elbows of metal for pipes; anchoring devices of metal; building materials of metal; metal hardware; iron; wire of common metal; picture hook pins; hooks [metal hardware]; structural joint connectors of metal; ferrules of metal; junctions of metal for pipes; metal clips; frameworks of metal; building materials of metal; building and construction materials and elements of metal; welding and soldering materials; metal mouldings; copings of metal; steel strip; eye bolts; clevis pins of metal; locking pins of metal; pins [metal hardware]; self-tapping metal plugs; dowels of metal; anchor plates; lead seals; metal goods for use in building; shaped metal sections; pulleys [metal hardware]; stays of metal; door scrapers; linings of metal for building; metal cases; balls of steel; metal edgings; edging strips of metal; cap closures of metal; stoppers of metal; pipes, tubes and hoses, and fittings therefor, including valves, of metal; hooks [metal hardware]; ladders of metal;

	cable joints of metal, non-electric.		
Class 35.	Provision of an online marketplace for buyers and sellers of goods and services; presentation of goods on communication media, for retail purposes; promoting the goods and services of others via a global computer network; promoting the goods and services of others through the dissemination of advertising matter via different media; retailing relating to metal hardware; wholesaling of small items of metal hardware; retail services in relation to the following goods: eyebolts, dowels, screws, hobnails, bolts, rivets, washers, ratchets, anchors, self-locking protective caps for use with nuts, hooks, nuts [fasteners]; wholesale services in relation to the following goods: eyebolts, dowels, screws, hobnails, bolts, rivets, washers, ratchets, anchors, self-locking protective caps for use with nuts, hooks, nuts [fasteners]; retail services in relation to the following goods: ties of metal for binding, fixing elements not of metal, fixing materials of plastic, clips, nuts [fasteners]; wholesale services in relation to the following goods: ties of metal for binding, fixing elements not of metal, fixing materials of plastic, clips, nuts [fasteners]; retail services in relation to the following goods: tool chests; wholesale services in relation to the following goods: tool chests; retail services in relation to the following goods: hand-operated tools, scales, structural steels; wholesale services in relation to the following goods: hand-operated tools, scales, structural steels, retail	services in relation to the following goods: building materials and construction elements; wholesale services in relation to the following goods: building materials and construction elements; retail services in relation to common metals and their alloys; wholesale services in relation to the following goods: common metals and their alloys, retail services in relation to the following goods: elements for building of plastic materials and of wood; wholesale services in relation to the following goods: elements for building of plastic materials and of wood; retail services in relation to the following goods: sealing compounds, hook-and-loop tapes, fillers, gaskets, stickers, insulating materials; wholesale services in relation to the following goods: sealing compounds, hook-and-loop tapes, fillers, gaskets, stickers, insulating materials; the bringing together for the benefit of others of the following goods (other than the transport thereof), enabling customers to conveniently view and purchase those goods: ironmongery, ties of metal for binding, fixing elements not of metal; online ordering services; retailing, including online, by correspondence or in virtual worlds in relation to the following goods: ironmongery, ties of metal for binding, fixing elements not of metal; assistance in business management within the framework of a franchise contract; business advice and consultancy relating to franchising; assistance in product commercialization, within the framework of a franchise contract; providing assistance in the field of	

product commercialization;
business management for
shops; bill-posting; rental of
vending machines; rental of
advertising time on
communication media;
updating and maintenance of
data in computer databases;
shop window dressing;
commercial administration of
the licensing of the goods and
services of others;
administration of consumer
loyalty programs; business
management assistance;
compilation of information
into computer databases;
consultancy regarding
advertising communication
strategies; business
management consultancy;
marketing; commercial
information and advice for
consumers in the choice of
products and services;
organization of exhibitions
for commercial or advertising
purposes; organization of
trade fairs for commercial or
advertising purposes;
procurement services for
others [purchasing goods and
services for other businesses];
commercial intermediation
services; telemarketing
services.

Priority Date Claimed: 24 June 2024 Italy

TECFI S.p.A., Via Andrea D'Isernia, 59, I-80122
Napoli, Italy

Colour Claimed: Black and yellow.

Representative: G.D. di Grazia D'Alto & C.
S.n.c., Centro Direzionale -
Isola E1, I-80143 NAPOLI,
Italy

HYGROW

1853721 24/02/2025

Class 6. Aluminium; slabs of metal
for building; partitions of
metal; building materials of
metal; refractory construction
materials of metal; house
numbers of metal, non-
luminous; signboards of
metal.

Jiangsu HyGROW Composites Co.,Ltd., West Xulun
Road, Xuzhou Industrial Park, Jiawang District,
Xuzhou City, Jiangsu, China

Representative: Zhangjiagang Soulian
Intellectual Property Office
Co., Ltd., B1001, 28 Huachang
Road, Yangshe town,
Zhangjiagang, Suzhou City,
Jiangsu Province, China



1853968 19/02/2025

Class 9. Computer software providing a marketplace that facilitates the buying and selling of goods and services; computer software to allow users to conduct electronic business transactions in online marketplaces via a global computer network; computer software for use in viewing and posting classified advertising; application software providing a marketplace that facilitates the buying and selling of goods and services; application software to allow users to conduct electronic business transactions in online marketplaces via a global computer network; application software for use in viewing and posting classified advertising.

Class 35. Advertising services; sales promotion services; bartering services in the nature of facilitating the trade exchange of goods and services; compilation and provision of online trade directories; business advisory services relating to the commercialisation of goods; providing business information via a web site; provision of an online marketplace for buyers and sellers of goods and services; classified advertising services; provision of online classified advertisements posted by users provided via a website; price comparison services; on-line auction services; on-line trading services in which seller posts products to be auctioned and bidding is done via the Internet; labour exchange services; recruitment services; job listings, resume postings, and other job information via the Internet; online trading services to

facilitate the sale of goods and services by others via a computer network and providing evaluative feedback and ratings of sellers' goods and services, the value and prices of sellers' goods and services, buyers' and sellers' performance, delivery, and overall trading experience in connection thereto; providing a searchable online advertising guide featuring the goods and services of online vendors.

Class 42. Software as a service (SaaS); providing temporary use of online non-downloadable software to allow users to conduct electronic business transactions in online marketplaces via a global computer network; online computer services, namely non-downloadable software for uploading, managing and searching resumes, social profiles, job qualifications and personnel records.

Priority Date Claimed: 04 November 2024 Australia

AIRTASKER LIMITED, Level 6, 24-28 Campbell Street, Haymarket NSW 2000, Australia

Representative: Bird & Bird, Level 22, 25 Martin Place, Sydney NSW 2000, Australia



1854094 19/02/2025

Class 1.	Adhesives for industrial use; chemical products for analyses in laboratories other than for medical or veterinary use, chemical preparations for analyses in laboratories other than for medical or veterinary use; glues for industrial use; chemical products for industry; unprocessed plastic materials; unprocessed resins.	for fireplaces, not of metal; gravel; gypsum [building material]; lime; materials for making and coating roads; monuments not of metal; mortar for building; pitch; plaster; non-metallic rigid pipes for building; roof coverings, not of metal; roofing shingles; roofing not of metal; sandstone tubes; slag [building material]; clinker stone; stone; tar; tarred strips for building.
Class 2.	Anti-corrosive preparations; anti-rust preparations; coatings [paints]; dyes; lacquers; metal foils for painting, decoration, printing and works of art; metals in powder form for painting, decoration, printing and works of art; mordants; Unprocessed natural resins; paints; primers (paints); varnishes; wood preservatives.	Class 20. Screws, not of metal.
Class 6.	Anchor plates; roofing of metal; screws of metal; metal sheets.	Class 35. Import-export agency services; negotiation and conclusion of commercial transactions for others.
Class 9.	Computer hardware; computer peripherals; downloadable software applications; recorded software.	Class 36. Insurance underwriting.
Class 17.	Stuffing materials; duct tapes; insulating bands; insulating tapes; insulating materials; insulators; packing [stuffing] materials of rubber or plastics; caulking materials of rubber or plastics; padding materials of rubber or plastics; sealant compounds for joints; substances for insulating buildings against moisture; waterproof packings.	Class 37. Building sealing; construction services; roofing services.
Class 19.	Artificial stone; asphalt; bitumen; bituminous coatings for roofing; non-metallic materials for building; construction materials not of metal; building stone; cement; chimneys not of metal; coatings [building materials]; concrete; mantels	Class 40. Decontamination of hazardous materials; destruction of waste and trash; incineration of waste; providing information with respect to treatment of materials; recycling of trash and waste; vulcanization (treatment of materials); waste treatment [transformation].
		Class 41. Transfer of commercial knowledge and know-how; vocational guidance [education or training advice].
		Class 42. Architectural services; chemical research and analysis services; chemical laboratory services; construction drafting; engineering services; industrial design services; interior design; research and development of new products for third parties; research with respect to building construction; Software as a Service (SaaS); surveying (engineering work); technical writing.

Priority Date Claimed: 16 December 2024
Switzerland

Elevate North America IP GmbH, Grafenauweg 10,
CH-6300 Zug, Switzerland

Representative: Wild Schnyder Ag, Forchstrasse
30, Postfach, CH-8032 Zürich,
Switzerland



Kama Coating
كما كوتينج

1854117 27/02/2025

Class 6. Common metals and their alloys, ores; metal materials for building and construction; transportable buildings of metal; non-electric cables and wires of common metal; small items of metal hardware; metal containers for storage or transport; safes.

Kama For Coating and Manufacturing Company,
Plot 5 - Block 13035 - First Industrial Zone, Obour,
Qalyubia, Egypt

Colour Claimed: Black, white and blue., The letter K in white, black and blue, with the word Kama

Notings:

Coating underneath in Arabic and English in black.

Mark Transliteration: Kama
Koating.



1854140 20/03/2025

Class 30. Sweets; confectionery; fruit gums; foam kisses being confectionery; chocolate foam kisses being confectionery; chocolate; chocolate products; pastries; ice-cream; popcorn; preparations for making the aforementioned products, included in this class.

Priority Date Claimed: 13 March 2025 Germany

August Storck KG, Waldstrasse 27, 13403 Berlin, Germany

Colour Claimed: Light brown, dark brown and white.

Representative: CMS Hasche Sigle
Partnerschaft von
Rechtsanwälten und
Steuerberatern mbB,
Stadthausbrücke 1-3, 20355
Hamburg, Germany

WEFOLD**1854188** 25/02/2025

Class 16. Paper and cardboard (unprocessed, semi-processed); paper and cardboard (other than for stationery); paper and cardboard for packaging; packaging paper for foodstuffs; paper and cardboard for cooking foodstuffs; packaging made of paper, cardboard and/or plastic in the nature of films, sheets, bags, rolls, plates and strips for preserving, roasting, frying, cooking, keeping fresh and freezing foodstuffs; paper for household use intended for professionals and community groups, particularly films, sheets, bags, rolls, plates and strips for packaging, preserving and cooking foodstuffs; baking and cooking molds made of paper or cardboard; packaging made of paper, cardboard or bio-sourced materials for packaging, wrapping and presenting foodstuffs; trays made of paper, cardboard or bio-sourced materials for packaging, wrapping and presenting foodstuffs; boxes made of paper, cardboard or bio-sourced materials for packaging, wrapping and presenting foodstuffs; containers made of paper, cardboard or bio-sourced materials for packaging, wrapping and presenting foodstuffs; fittings made of paper, cardboard or bio-sourced materials for packaging, wrapping and presenting foodstuffs; boxes made of cardboard or paper intended for packaging

foodstuffs in particular those sold in self-service; boxes made of cardboard or paper intended for packaging foodstuffs in particular fresh produce; packaging made of paper, cardboard or plastic intended for packaging and transporting foodstuffs, in particular fresh produce; tray covers made of paper, cardboard or bio-sourced materials; paper or cardboard for packaging, sachets, envelopes, pouches, bags for packaging made of paper, cardboard, bio-sourced materials or plastic; packaging trays and containers made of paper or cardboard for microwave cooking; plastic films and sheets made of plastic or bio-sourced materials for packaging or wrapping foodstuffs; plastic film for wrapping, sachets and sheets for microwave cooking.

Class 20. Packaging containers of plastic materials; fittings and cases made of plastic for packaging, wrapping and presenting foodstuffs; plastic containers, trays and packaging containers for microwave cooking; closures for plastic packaging containers; plastic containers for packaging, wrapping and presenting foodstuffs; plastic trays and boxes for packaging, wrapping and presenting foodstuffs.

Class 21. Household or kitchen containers made of paper, cardboard, bio-sourced materials or plastic; thermally insulated containers for food; crockery made of paper, cardboard, bio-sourced materials or plastic; plates, serving dishes, bowls, salad bowls, coupes (bowls), small bowls, dishes, dinner services made of paper, cardboard, bio-sourced materials or

plastic; coffee services and tea services made of paper, cardboard, bio-sourced materials or plastic; drinking containers made of cardboard, bio-sourced materials or plastic; cups made of cardboard, paper, bio-sourced materials or plastic; cup lids made of paper, cardboard, bio-sourced materials or plastic; pot lids made of paper, cardboard, bio-sourced materials or plastic; trays for domestic use made of cardboard, bio-sourced materials or plastic; fitted picnic baskets (crockery) made of paper, cardboard, bio-sourced materials or plastic.

- Class 35. Advertising, marketing and promotional services; production of advertising material; distribution of promotional material; dissemination of advertising material; publication of advertising texts; advertising.
- Class 40. Printing paper, cardboard or plastic.

Priority Date Claimed: 29 August 2024 France
GROUPE GUILLIN, Zone Industrielle, Avenue du
Maréchal De Lattre de Tassigny, F-25290 ORNANS,
France



1854279 13/02/2025

- Class 33. Alcoholic beverages with the exception of beers; alcoholic preparations for making beverages.

Priority Date Claimed: 22 August 2024 Benelux
DESIGNOLOGY, SRL, Oude Postweg 50, B-1652
Alsemberg, Belgium

Representative: KIRKPATRICK, SA/NV,
Avenue Wolfers 32, B-1310
1310, Belgium



1854399 19/02/2025

- Class 1. Adhesives for industrial use; chemicals for analyses in laboratories other than for medical or veterinary use / chemical preparations for analyses in laboratories other than for medical or veterinary use; glues for industrial use; chemical products for industry; unprocessed plastic materials; unprocessed resins.
- Class 2. Anti-corrosive preparations; anti-rust preparations; coatings [paints]; dyes; lacquers; metal foils for painting, decoration, printing and works of art; metals in powder form for painting, decoration, printing and works of art; mordants; Unprocessed natural resins; paints; primers (paints); varnishes; wood preservatives.
- Class 6. Anchor plates; roofing of metal; screws of metal; metal sheets.
- Class 9. Computer hardware; computer peripherals; downloadable software applications; recorded software.
- Class 17. Stuffing materials; duct tapes; insulating bands; insulating tapes; insulating materials; insulators; packing [stuffing]

materials of rubber or plastics; caulking materials of rubber or plastics; padding materials of rubber or plastics; sealant compounds for joints; substances for insulating buildings against moisture; waterproof packings.

- Class 19. Artificial stone; asphalt; bitumen; bituminous coatings for roofing; non-metallic materials for building; construction materials not of metal; building stone; cement; chimneys not of metal; coatings [building materials]; concrete; mantels for fireplaces, not of metal; gravel; gypsum [building material]; lime; materials for making and coating roads; monuments not of metal; mortar for building; pitch; plaster; non-metallic rigid pipes for building; roof coverings, not of metal; roofing shingles; roofing not of metal; sandstone tubes; slag [building material]; clinker stone; stone; tar; tarred strips for building.
- Class 20. Screws, not of metal.
- Class 35. Import-export agency services; negotiation and conclusion of commercial transactions for others.
- Class 36. Insurance underwriting.
- Class 37. Building sealing; construction services; roofing services.
- Class 40. Decontamination of hazardous materials; destruction of waste and trash; incineration of waste; providing information with respect to treatment of materials; recycling of trash and waste; vulcanization (treatment of materials); waste treatment [transformation].
- Class 41. Transfer of commercial knowledge and know-how;

- vocational guidance [education or training advice].
- Class 42. Architectural services; chemical research and analysis services; chemical laboratory services; construction drafting; engineering services; industrial design services; interior design; research and development of new products for third parties; research with respect to building construction; Software as a Service (SaaS); surveying (engineering work); technical writing.

Priority Date Claimed: 16 December 2024
Switzerland

Elevate North America IP GmbH, Grafenauweg 10,
CH-6300 Zug, Switzerland

Representative: Wild Schnyder Ag, Forchstrasse
30, Postfach, CH-8032 Zürich,
Switzerland

AMRIZE

1854400 19/02/2025

- Class 1. Adhesives for industrial use; chemicals for analyses in laboratories other than for medical or veterinary use / chemical preparations for analyses in laboratories other than for medical or veterinary use; glues for industrial use; chemical products for industry; unprocessed plastic materials; unprocessed resins.
- Class 2. Anti-corrosive preparations; anti-rust preparations;

- coatings [paints]; dyes; lacquers; metal foils for painting, decoration, printing and works of art; metals in powder form for painting, decoration, printing and works of art; mordants; Unprocessed natural resins; paints; primers (paints); varnishes; wood preservatives.
- Class 6. Anchor plates; roofing of metal; screws of metal; metal sheets.
- Class 9. Computer hardware; computer peripherals; downloadable software applications; recorded software.
- Class 17. Stuffing materials; duct tapes; insulating bands; insulating tapes; insulating materials; insulators; packing [stuffing] materials of rubber or plastics; caulking materials of rubber or plastics; padding materials of rubber or plastics; sealant compounds for joints; substances for insulating buildings against moisture; waterproof packings.
- Class 19. Artificial stone; asphalt; bitumen; bituminous coatings for roofing; non-metallic materials for building; construction materials not of metal; building stone; cement; chimneys not of metal; coatings [building materials]; concrete; mantels for fireplaces, not of metal; gravel; gypsum [building material]; lime; materials for making and coating roads; monuments not of metal; mortar for building; pitch; plaster; non-metallic rigid pipes for building; roof coverings, not of metal; roofing shingles; roofing not of metal; sandstone tubes; slag [building material]; clinker stone; stone; tar; tarred strips for building.
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- Class 20. Screws, not of metal.
- Class 35. Import-export agency services; negotiation and conclusion of commercial transactions for others.
- Class 36. Insurance underwriting.
- Class 37. Building sealing; construction services; roofing services.
- Class 40. Decontamination of hazardous materials; destruction of waste and trash; incineration of waste; providing information with respect to treatment of materials; recycling of trash and waste; vulcanization (treatment of materials); waste treatment [transformation].
- Class 41. Transfer of commercial knowledge and know-how; vocational guidance [education or training advice].
- Class 42. Architectural services; chemical research and analysis services; chemical laboratory services; construction drafting; engineering services; industrial design services; interior design; research and development of new products for third parties; research with respect to building construction; Software as a Service (SaaS); surveying (engineering work); technical writing.

Priority Date Claimed: 09 October 2024 Switzerland
Elevate North America IP GmbH, Grafenauweg 10,
CH-6300 Zug, Switzerland

Representative: Wild Schnyder Ag, Forchstrasse
30, Postfach, CH-8032 Zürich,
Switzerland



1306872 14/04/2025
A

- Class 41. Services consisting of all forms of education of persons or training of animals; services having the basic aim of the entertainment, amusement or recreation of people; presentation of works of visual art or literature to the public for cultural or educational purposes.

4OUR CREATIVE GAMES LTD, 5 Kalampakas
Street, CITY PARK AVGOULLA 32, 4TH FLOOR,
OFFICE 403, CY-6037 Larnac, Cyprus

Colour Claimed: Red and black., The main
trademark (verbal element) is
in black; The line that has the
shape of a pulse, and is used
instead of the letters "A" and
"V" is in red.

Representative: KAMAKA ROXANI-
MIKROU MICHAEL LAW
FIRM, 28, 26IS OKTOBRIOU
STREET, P.O. 54627,
THESSALONIKI, Greece

Changes/Corrections in the International Register

- 1824934** Advertised as protected in Journal No: 2543 on 04/06/2025.
The correction concerns certain indications of the mark as Figurative mark and the colour claimed which is now amended from Green and grey to Blue.



Recorded on the International Register on 20/05/2025.

- 0844456** Advertised as protected in Journal No: 2139 on 09/12/2009.
The correction concerns the date of the subsequent designation which is now amended to 19/11/2024.
Recorded on the International Register on 05/06/2025.

Errata

Applications withdrawn under Section 45(2) of the 1996 Act

- 271215 In Journal No. 2543 dated 04/06/2025 under the heading “Applications withdrawn under Section 45(2) of the 1996 Act” Trade Mark No. 271215 appeared in error.