



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

Iml. 98

Cill Chainnigh 18 January 2023

Uimh. 2481

CLÁR INNSTE

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

Cuid I

Paitinní agus Dearachtaí

No. 2481

Wednesday, 18 January, 2023

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

Official Notice

Patent Rules 1992 – Rule 77, – Office Closure

The Intellectual Property office of Ireland (IPOI) will be closed for the transaction of business on the following dates:

Monday 6th February 2023

Applications for Patents From 19/12/2022 to 21/12/2022

The names of applicants are in alphabetical order. In the case of joint applicants, each name is given independently. 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 an application has been filed pursuant to Section 127A, the filing date shall be either the date of the originating PCT filing, where applicable, or the date directed by the Controller. 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.

DOWNEY PATRICK; FOY MICHAEL; O'REILLY PAUL A method and an apparatus for transferring a panel from a first position to a second position 19 December 2022	S20220208
FOY MICHAEL; O'REILLY PAUL; DOWNEY PATRICK A method and an apparatus for transferring a panel from a first position to a second position 19 December 2022	S20220208
HAMILTON CARLY ELIZABETH Mascara Applicator 21 December 2022	S20220209
JABRIFFS LIMITED IMPROVED MUSIC CREATION USER EXPERIENCE SYSTEM 19 December 2022	S20220205
MCHALE ENGINEERING UNLIMITED COMPANY "A baler and a method for determining the degree of wear in a drive transmission system of the baler" 20 December 2022	S20220206
MCHALE ENGINEERING UNLIMITED COMPANY "A baler and a method for determining the power drawn by a bale chamber of a baler and a method for determining the quantity of material in a bale chamber and for determining the optimum ground speed for the baler" 20 December 2022	S20220207
O'REILLY PAUL; DOWNEY PATRICK; FOY MICHAEL A method and an apparatus for transferring a panel from a first position to a second position 19 December 2022	S20220208

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. Any application made pursuant to Section 127A, where the originating PCT application has been published under that PCT in English, is accorded the PCT publication date of that application. For these Section 127A applications, the publication date is given in bold square brackets.

2020	S20200160	MICHELE BARRETT, A refillable container for the containment and dispensing of sanitiser fluid without a cartridge, valve or siphon pump that is wearable on the forearm or wrist. 13 July 2020. Int. Cl. (2022.01) A61L 2/00 .
2021	S20210009	ALICE SHAUGHNESSY, Magnetic Motion Device for Omnidirectional Movement. 08 January 2021. Int Cl (2022.01) B60B 19/00; B62D 57/00
2021	S20210044	DANIEL O'KEEFE, Natural Aromatic Animal and Insect Deterrent Compositions that are Non-toxic, Environmentally Sustainable and Pleasantly Scented.. 28 February 2021. Int. Cl. (2022.01) A01N 25/00; A01N 65/00 .
2021	S20210073	ALEC SANDYS, Indoor kids Toy. 31 March 2021. Int. Cl. (2022.01) A63B 69/00 .
2021	S20210096	Nordic Group B.V., Mifepristone oral form for its use in cervix ripening and labour induction. 04 May 2020. Int. Cl. (2022.01) A61K 31/00; A61P 15/00 .
2022	20220067	BRUKER DALTONICS GMBH & CO. KG, APPARATUS FOR ANALYZING MASSSPECTRAL DATA. 03 May 2021. Int. Cl. (2022.01) G01N 27/00; H01J 49/00 .
2022	20220114	DAIFUKU CO., LTD., Article Storage Facility. 08 July 2021. Int. Cl. (2022.01) B65G 1/00 .
2021	S20220164	VERISURE SÀRL; GMI GROUPE MILLET INDUSTRIES, , Window or door for installation in a building, and monitoring system including a window or door sensor. 20 September 2021. Int Cl (2022.01) G08B 13/00; E05B 47/00

Search Report and Written Opinion as to Patentability Published Under Section 29 (3)

The following Search Report and Written Opinion as to Patentability became open to public inspection as from the date of this issue of the journal.

2021 **20220074** LAGAN CRAWL LIMITED, A REAL TIME INFORMATION SYSTEM
FOR ROAD USERS. 22 December 2020. Int. Cl. (2022.01) **G08G 1/09**.

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.

By virtue of Section 65(3), the application relating to any short-term patent appearing in the following list whose date of filing is later than the date which is 18 months prior to the date of this issue of the Journal becomes open to public inspection as and from the date of this issue of the Journal.

- S87359** Window or door for installation in a building, and monitoring system including a window or door sensor.. Int. Cl. (2022.01) **G08B 13/00; E05B 47/00.**
VERISURE SÀRL; GMI GROUPE MILLET INDUSTRIES 13/10/2022
{29/11/2021 S2021/0203}(S20220164) [Germany-20 September 2021]
- S87360** Magnetic Motion Device for Omnidirectional Movement. Int. Cl. (2022.01)
B60B 19/00; B62D 57/00. ALICE SHAUGHNESSY 18 January 2021
(S20210009)
- 87361** A vegetation removal apparatus. Int. Cl. (2022.01) **A01M 21/00; A01G 23/00;**
A01B 1/00; A01B 39/00. GEON ENGINEERING LIMITED 28 May 2021
(20210116)
- 87362** A cutting device. Int. Cl. (2022.01) **B26D 1/00.** MICHAEL MCMAHON;
FRANK MARRON 29 August 2018 (20180239) [United Kingdom-31 August
2017]
- 87363** Animal stall partition. Int. Cl. (2022.01) **A01K 1/00.** DAMIEN O'DONOVAN 11
March 2016 (20160075) [Ireland-11 March 2015]
-

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.

Grants Published in EPO Bulletin No. 51/22, dated 21st December 2022

1755558	Zambon S.p.A.	21/04/2005	1755558	05733765.1	
1929573	Häring, Thomas Häring, Davina Häring, Rima	14/09/2006	1929573	06805302.4	German
1938051	Micro Motion, Inc.	15/08/2006	1938051	06789756.1	
2161077	China Petroleum & Chemical Corporation Research Institute Of Petroleum ProcessingSinopec	27/06/2008	2161077	08772994.3	
2212867	Tattle Tale Portable Alarm Systems, Inc.	20/10/2008	2212867	08838927.5	
2224134	Mitsubishi Heavy Industries, Ltd.	14/11/2008	2224134	08868698.5	
2374404	Kabushiki Kaisha Topcon	07/12/2009	2374404	09837440.8	
2416014	Heishin Ltd.	18/03/2010	2416014	10758195.1	
2442316	Montes Usategui, Mario Farré Flaquer, Arnau	14/05/2010	2442316	10774579.6	
2444663	General Electric Company	17/10/2011	2444663	11185360.2	
2445081	STMicroelectronics Application GmbH	23/09/2011	2445081	11182601.2	
2454924	American Science and Engineering, Inc.	13/07/2010	2454924	10800398.9	
2457513	Triple Ring Technologies, Inc.	25/11/2011	2457513	11190702.8	
2459374	ELOPAK SYSTEMS AG	02/08/2010	2459374	10742463.2	
2464484	Robert Bosch GmbH	23/06/2010	2464484	10728188.3	German
2526869	FUJIFILM Corporation	16/05/2012	2526869	12168381.7	
2526921	Kerr Corporation	24/05/2012	2526921	12169365.9	
2528770	KEIPER Seating Mechanisms Co., Ltd.	28/01/2011	2528770	11737693.9	
2537468	Delta Tooling Co., Ltd.	31/01/2011	2537468	11744497.6	
2559950	Yang, Tai-Her	17/08/2012	2559950	12180890.1	
2566469	Boehringer Ingelheim International GmbH	05/05/2011	2566469	11718725.2	

2587868	Avago Technologies International Sales Pte. Limited	26/09/2012	2587868	12006726.9	
2597617	Samsung Medison Co., Ltd.	23/03/2012	2597617	12161003.4	
2606163	MacDermid, Incorporated MacDermid Enthone Inc.	21/07/2011	2606163	11818522.2	
2616729	Fisher Controls International LLC	13/09/2011	2616729	11764022.7	
2624420	Samsung Electronics Co., Ltd.	31/01/2013	2624420	13153463.8	
2629703	VGI Medical, LLC	19/10/2011	2629703	11835064.4	
2663288	Variation Biotechnologies Inc.	13/01/2012	2663288	12733900.0	
2664858	Vaillant GmbH	15/05/2013	2664858	13167832.8	
2677114	National Oilwell Varco, L.P.	13/06/2013	2677114	13171820.7	
2685900	Koninklijke Philips N.V.	05/03/2012	2685900	12710348.9	
2689330	Intel Corporation	23/03/2012	2689330	12764838.4	
2694044	Lycored Ltd	05/04/2012	2694044	12722552.2	
2695299	Qualcomm Incorporated	06/04/2012	2695299	12714194.3	
2713472	Avago Technologies International Sales Pte. Limited	18/09/2013	2713472	13004565.1	
2715544	Exelis Inc.	04/06/2012	2715544	12793158.2	
2727217	Persimmon Technologies Corporation	29/06/2012	2727217	12805078.8	
2727608	Zobebe España, S.A.	04/11/2013	2727608	13191368.3	
2734537	Zepton, Incorporated	20/07/2012	2734537	12743825.7	
2735029	Heptagon Micro Optics Pte. Ltd.	10/07/2012	2735029	12743875.2	
2748767	Raytheon Company	22/08/2012	2748767	12825183.2	
2771785	Hewlett-Packard Development Company, L.P.	26/10/2011	2771785	11874761.7	
2772062	Irdeto B.V.	02/11/2011	2772062	11778871.1	
2784799	CemeCon AG	28/03/2013	2784799	13161596.5	
2786117	Particle Measuring Systems, Inc.	29/11/2012	2786117	12854152.1	
2791777	Qualcomm Incorporated	13/11/2012	2791777	12798086.0	
2796221	Nippon Steel Corporation Toyoda Iron Works Co., Ltd.	20/12/2012	2796221	12860537.5	
2803978	Carl Zeiss Microscopy GmbH	13/05/2014	2803978	14167997.7	German
2805519	IMAX THEATRES INTERNATIONAL LIMITED	14/01/2013	2805519	13701327.2	
2805670	Optos PLC	01/05/2014	2805670	14166795.6	
2807782	Qualcomm Incorporated	15/01/2013	2807782	13703190.2	
2811890	Biop Medical, Ltd.	07/02/2013	2811890	13712367.5	

2815186	Kampmann GmbH & Co. KG	12/02/2013	2815186	13704358.4	German
2815420	Waters Technologies Corporation	30/01/2013	2815420	13748840.9	
2816349	Cilag GmbH International	19/06/2014	2816349	14173154.7	
2817970	Ooyala, Inc.	21/02/2013	2817970	13752354.4	
2818980	BlackBerry Limited	28/06/2013	2818980	13174426.0	
2822380	Blue River Technology, Inc.	07/03/2013	2822380	13757748.2	
2829842	Hexagon Technology Center GmbH	22/07/2013	2829842	13177503.3	
2833791	Maui Imaging, Inc.	26/03/2013	2833791	13768385.0	
2835313	The Boeing Company	06/08/2014	2835313	14180086.2	
2844995	Siemens Energy, Inc.	26/04/2013	2844995	13721226.2	
2845014	Siemens Healthcare Diagnostics Inc.	29/04/2013	2845014	13784608.5	
2846236	LG Innotek Co., Ltd.	29/08/2014	2846236	14182756.8	
2858131	Suzhou Lakin Semiconductor Co., Ltd.	06/08/2014	2858131	14179994.0	
2858159	Hamilton Sundstrand Corporation	02/10/2014	2858159	14187531.0	
2858354	Sun Patent Trust	17/05/2013	2858354	13793080.6	
2869944	G.A.P. S.p.A.	30/04/2013	2869944	13729444.3	
2872147	Wave Life Sciences Ltd.	12/07/2013	2872147	13817244.0	
2873371	Pie Medical Imaging BV	13/11/2013	2873371	13192749.3	
2875420	Nokia Technologies Oy	18/06/2013	2875420	13820416.9	
2877121	Medtronic Vascular Galway	11/06/2013	2877121	13733143.5	
2877836	Universite Du Maine (Le Mans) Centre National de la Recherche Scientifique (C.N.R.S.) Université d'Aix Marseille	26/07/2013	2877836	13773398.6	French
2878269	Samsung Medison Co., Ltd.	28/08/2014	2878269	14182591.9	
2888571	Stemcell Technologies Inc.	22/08/2013	2888571	13830310.2	
2893126	TCO AS	10/09/2013	2893126	13759255.6	
2895064	YRT Limited	12/09/2013	2895064	13837396.4	
2901442	Production Resource Group, L.L.C.	23/09/2013	2901442	13841446.1	
2906884	Inertech IP LLC	09/10/2013	2906884	13780280.7	
2908726	Veoneer Sweden AB	19/10/2012	2908726	12886901.3	
2909510	TQ-Systems GmbH	17/10/2013	2909510	13826594.7	German
2910047	NEC Corporation	29/07/2013	2910047	13846955.6	
2914949	Leica Biosystems Melbourne Pty Ltd	01/11/2013	2914949	13851664.6	
2917484	Halliburton Energy Services, Inc.	21/01/2013	2917484	13871852.3	
2919262	EM Microelectronic-Marin SA	14/03/2014	2919262	14159970.4	
2920879	Qualcomm Incorporated	12/11/2013	2920879	13802154.8	

2933185	The Boeing Company	10/04/2015	2933185	15163131.4	
2935490	ELKEM SILICONES France SAS	17/12/2013	2935490	13821849.0	French
2938272	Boston Scientific Scimed, Inc.	31/12/2013	2938272	13824281.3	
2942340	Raytheon Technologies Corporation	08/05/2015	2942340	15166924.9	
2943802	Nokia Technologies Oy	04/12/2013	2943802	13871019.9	
2947048	Joint-Stock Company Unichimtek (AO Unichimtek)	20/01/2014	2947048	14740442.0	
2954374	Kla-Tencor Corporation	06/02/2014	2954374	14748855.5	
2957283	Symrise AG	19/06/2014	2957283	14173155.4	German
2958494	Koninklijke Philips N.V.	11/02/2014	2958494	14706342.4	
2960549	NSK Ltd.	24/02/2014	2960549	14754667.5	
2969688	Allison Transmission, Inc.	04/03/2014	2969688	14775844.5	
2969692	Jaguar Land Rover Limited	07/03/2014	2969692	14709607.7	
2971870	Allison Transmission, Inc.	04/03/2014	2971870	14772564.2	
2972212	Cytonome/ST, LLC	14/03/2014	2972212	14722885.2	
2972521	BP Corporation North America Inc.	12/03/2014	2972521	14719929.3	
2987161	Cirrus Logic, Inc.	24/02/2014	2987161	14711048.0	
2987514	Asahi Kasei Medical Co., Ltd.	14/02/2014	2987514	14784797.4	
2989635	VIA Alliance Semiconductor Co., Ltd.	12/12/2014	2989635	14891595.2	
2999435	Twelve, Inc.	20/05/2014	2999435	14735717.2	
3004486	Nordic Build A/S	28/05/2014	3004486	14731901.6	
3006209	Kaneka Corporation	27/05/2014	3006209	14804934.9	
3009301	MARELLI AUTOMOTIVE LIGHTING ITALY S.p.A.	13/10/2015	3009301	15189660.2	
3010035	Tokuyama Corporation	10/06/2014	3010035	14810294.0	
3012744	Huawei Device Co., Ltd.	19/03/2014	3012744	14886151.1	
3016639	Wayne State University	03/07/2014	3016639	14820397.9	
3018426	Halton OY	07/11/2014	3018426	14192288.0	
3019537	TotalEnergies OneTech Belgium	09/07/2014	3019537	14739388.8	
3023864	Sony Group Corporation	08/07/2014	3023864	14826483.1	
3024417	Atrium Medical Corporation	22/07/2014	3024417	14830021.3	
3025373	ECO Semiconductors Limited	02/07/2014	3025373	14749944.6	
3028688	Schmidt, Udo	30/09/2015	3028688	15187664.6	German
3030769	Israel Aerospace Industries Ltd.	31/08/2014	3030769	14842019.3	
3036052	Autoliv ASP, Inc.	12/08/2014	3036052	14838177.5	
3042440	Nuovo Pignone Technologie - S.r.l.	06/03/2014	3042440	14708039.4	
3047736	Santetsu Engineering Inc.	03/09/2014	3047736	14846011.6	

3053210	Audi AG	30/09/2013	3053210	13894676.9	
3054960	Fibralign Corporation	10/10/2014	3054960	14852535.5	
3057504	Garmin Switzerland GmbH	01/04/2014	3057504	14854018.0	
3057998	ARLANXEO Deutschland GmbH	09/10/2014	3057998	14781603.7	
3060341	Global Life Sciences Solutions Operations UK Ltd	08/10/2014	3060341	14781250.7	
3063531	TOMRA Sorting NV	03/11/2014	3063531	14793109.1	
3067518	Rolls-Royce Corporation	08/03/2016	3067518	16159237.3	
3073040	Alfred Schellenberg GmbH	18/03/2016	3073040	16161050.6	German
3074225	Välinge Innovation AB	27/03/2014	3074225	14718504.5	German
3078119	Qualcomm Incorporated	12/11/2014	3078119	14810058.9	
3078143	Qualcomm Incorporated	25/11/2014	3078143	14816013.8	
3080685	Samsung Electronics Co., Ltd.	09/05/2014	3080685	14870240.0	
3083566	Bayer Animal Health GmbH	25/11/2014	3083566	14805819.1	
3086460	Samsung Electronics Co., Ltd.	05/04/2016	3086460	16163889.5	
3088010	DiCosmo, Frank	28/04/2016	3088010	16167516.0	
3088025	Medimop Medical Projects Ltd.	07/04/2016	3088025	16164319.2	
3089662	Lifescan, Inc.	23/12/2014	3089662	14876345.1	
3091905	Philips Image Guided Therapy Corporation	12/01/2015	3091905	15734874.9	
3092369	Baker Hughes Holdings LLC	08/01/2015	3092369	15735219.6	
3092538	Fisher Controls International LLC	08/01/2015	3092538	15703334.1	
3094950	Nextinput, Inc.	13/01/2015	3094950	15735327.7	
3098448	MAN Truck & Bus SE	22/04/2016	3098448	16000917.1	German
3099972	Signify Holding B.V.	21/01/2015	3099972	15701166.9	
3100249	Signify Holding B.V.	16/01/2015	3100249	15701125.5	
3109213	Kuraray Europe GmbH	12/02/2015	3109213	15751649.3	
3110351	ExoToe LLC	27/02/2015	3110351	15754966.8	
3112767	Robert Bosch GmbH	17/06/2016	3112767	16175086.4	German
3113723	Conexus Lens, Inc.	08/08/2014	3113723	14884763.5	
3114461	1 Drop SA	05/03/2015	3114461	15707967.4	
3117568	Omron Corporation	29/04/2015	3117568	15725412.9	
3118718	ORACLE INTERNATIONAL CORPORATION	27/02/2014	3118718	16182433.9	
3120373	Raytheon Company	16/01/2015	3120373	15704121.1	
3121205	Harima Chemicals, Inc.	28/10/2015	3121205	15867993.6	
3122787	3M Innovative Properties Company	20/03/2015	3122787	15714376.9	

3123514	Intel Corporation	28/03/2014	3123514	14886927.4	
3128929	Think Surgical, Inc.	31/03/2015	3128929	15776415.0	
3130099	Hirschmann Automation and Control GmbH	09/04/2015	3130099	15719973.8	German
3130384	EMD Millipore Corporation	21/06/2013	3130384	16181909.9	
3132009	Johnson Matthey Public Limited Company	20/03/2015	3132009	15713573.2	
3132331	Technische Universität Berlin	17/04/2015	3132331	15736175.9	German
3139810	Nazareth, Godfrey Maltese, Matthew Binenbaum, Gil	08/05/2015	3139810	15789189.6	
3140495	Reelwell AS	01/05/2015	3140495	15720480.1	
3141599	MicroVascular Tissues, Inc.	17/03/2012	3141599	16195005.0	
3145188	M&K Holdings Inc.	12/08/2011	3145188	16188174.3	
3146300	Essilor International	18/05/2015	3146300	15728914.1	French
3146516	Ooma Inc.	04/05/2015	3146516	15796148.3	
3149580	Citrix Systems Inc.	09/07/2014	3149580	14747452.2	
3151213	Continental Autonomous Mobility Germany GmbH	30/09/2015	3151213	15465543.5	German
3151240	Sony Group Corporation	22/05/2015	3151240	15800260.0	
3151948	thyssenkrupp Industrial Solutions AG thyssenkrupp AG	01/06/2015	3151948	15729771.4	German
3153535	NIPPON STEEL Chemical & Material Co., Ltd.	02/06/2015	3153535	15802555.1	
3157424	Spiromagic Aps	19/06/2015	3157424	15731885.8	
3157627	Elekta AB (PUBL) Elekta, Inc.	11/06/2015	3157627	15731400.6	
3162481	Sumitomo Electric Hardmetal Corp.	03/06/2015	3162481	15812660.7	
3162943	ELECTROLUX APPLIANCES AKTIEBOLAG	26/04/2016	3162943	16167014.6	
3164900	I-TEN	01/07/2015	3164900	15745532.0	French
3165615	Nippon Steel Corporation	03/07/2014	3165615	14896916.5	
3166310	Electronics and Telecommunications Research Institute	02/07/2015	3166310	15814004.6	
3166830	Robert Bosch GmbH	12/05/2015	3166830	15723891.6	German
3167498	Robert Bosch GmbH	09/06/2015	3167498	15729399.4	German
3167729	Nicoventures Trading Limited	15/07/2013	3167729	16189742.6	

3167985	Seco Tools AB	30/06/2015	3167985	16198303.6	
3170507	Consejo Superior de Investigaciones Científicas (CSIC)	20/11/2015	3170507	15380049.5	
3174772	S.M.S. Smart Microwave Sensors GmbH	28/07/2015	3174772	15747980.9	German
3178935	Toolgen Incorporated Institute for Basic Science	06/08/2015	3178935	15830444.4	
3179255	NHK Spring Co., Ltd.	07/08/2015	3179255	15830423.8	
3182901	Qurasense Inc.	05/08/2015	3182901	15834024.0	
3185779	Koninklijke Philips N.V.	10/08/2015	3185779	15767297.3	
3185795	Zimmer, Inc.	28/08/2015	3185795	15835321.9	
3186101	Emerson Climate Technologies, Inc.	28/08/2015	3186101	15836829.0	
3187304	Lawrence Livermore National Security, LLC	20/03/2012	3187304	16207175.7	
3188946	Jaguar Land Rover Limited	26/08/2015	3188946	15754220.0	
3190254	Stabilus GmbH	04/01/2017	3190254	17150286.7	German
3192665	United States Postal Service	11/01/2017	3192665	17151093.6	
3196973	STILL GmbH	16/01/2017	3196973	17151543.0	German
3201698	Signify Holding B.V.	28/09/2015	3201698	15771919.6	
3201941	Sillectra GmbH	24/09/2015	3201941	15767167.8	German
3201944	Sillectra GmbH	24/09/2015	3201944	15767168.6	German
3203529	Tahoe Research, Ltd.	25/09/2013	3203529	17161293.0	
3204848	Splunk Inc.	22/09/2015	3204848	15848505.2	
3206578	Maquet Critical Care AB	16/10/2014	3206578	14799055.0	
3206609	Creo Medical Limited	16/10/2015	3206609	15784008.3	
3206676	Flexopharm Brain GmbH & Co. KG	19/10/2015	3206676	15791520.8	German
3207505	Giesecke+Devrient Mobile Security GmbH	02/06/2015	3207505	15727309.5	German
3210627	Hangzhou Dac Biotech Co., Ltd	12/07/2012	3210627	17151529.9	
3212460	Energica Motor Company S.P.A.	27/10/2015	3212460	15804961.9	
3214236	DOTT. GALLINA S.r.l.	03/03/2017	3214236	17159271.0	
3215209	CLPH, LLC	04/11/2015	3215209	15870542.6	
3215678	terra infrastructure GmbH	08/10/2015	3215678	15777929.9	German
3215702	RYSE INC.	04/11/2015	3215702	15856630.7	
3216018	TomTom Global Content B.V.	06/11/2015	3216018	15794871.2	
3216591	The Boeing Company	19/01/2017	3216591	17152109.9	
3218546	Portals Paper Limited	09/11/2015	3218546	15794265.7	

3227919	Qualcomm Incorporated	16/11/2015	3227919	15801085.0	
3229700	Provisio Medical, Inc.	11/09/2014	3229700	14901802.0	
3230852	Intel Corporation	09/10/2015	3230852	15866639.6	
3235901	The Scripps Research Institute	15/10/2010	3235901	17173120.1	
3237679	delfortgroup AG	12/10/2015	3237679	15775750.1	German
3238274	Google LLC	28/10/2015	3238274	15873895.5	
3241232	Georgia Tech Research Corporation	29/12/2015	3241232	15876153.6	
3241997	Raytheon Technologies Corporation	24/03/2017	3241997	17162883.7	
3242246	Shenzhen Goodix Technology Co., Ltd.	06/02/2015	3242246	15874636.2	
3244596	iResTech Ltd.	09/05/2016	3244596	16168670.4	
3247877	Vetco Gray Scandinavia AS	13/01/2016	3247877	16700702.0	
3248548	Medos International Sàrl	25/05/2017	3248548	17172946.0	
3248966	Hodogaya Chemical Co., Ltd.	13/01/2016	3248966	16740036.5	
3249475	Casio Computer Co., Ltd.	31/03/2017	3249475	17164238.2	
3249712	Corning Precision Materials Co., Ltd.	20/01/2016	3249712	16740397.1	
3252825	STMicroelectronics S.r.l.	30/05/2016	3252825	16425047.4	
3253440	Vaxxas Pty Limited	02/02/2016	3253440	16746000.5	
3255184	Trützschler Group SE	07/04/2017	3255184	17165438.7	German
3256256	Siemens Healthcare Diagnostics Inc.	09/02/2016	3256256	16749724.7	
3256308	Optomec, Inc.	10/02/2016	3256308	16749823.7	
3256859	Wonmedical Corp.	05/02/2016	3256859	16749430.1	
3257462	Vessix Vascular, Inc.	18/10/2007	3257462	17180699.5	
3258917	Carnegie Mellon University	18/02/2016	3258917	16753050.0	
3260320	MAN Truck & Bus SE	08/06/2017	3260320	17174922.9	German
3261962	Span Tech LLC	23/02/2016	3261962	16756198.4	
3262050	Archer Daniels Midland Company	19/02/2016	3262050	16756090.3	
3262377	Jaguar Land Rover Limited	26/02/2016	3262377	16706362.7	
3263172	Integra LifeSciences Switzerland Sàrl	29/06/2017	3263172	17178789.8	
3266282	Signify Holding B.V.	17/02/2016	3266282	16705146.5	
3268990	Sony Group Corporation	26/02/2016	3268990	16709829.2	
3270672	Hamilton Sundstrand Corporation	11/07/2017	3270672	17180672.2	
3270934	Howard University	18/03/2016	3270934	16769444.7	
3271438	H.B. Fuller Company	16/03/2016	3271438	16716960.6	
3271989	Innova Patent GmbH	14/01/2016	3271989	16702478.5	German
3272575	MAN Truck & Bus SE	08/06/2017	3272575	17174915.3	German
3273761	FUJI Corporation	23/06/2015	3273761	15885520.5	
3274428	The Lubrizol Corporation	22/03/2016	3274428	16714151.4	

3275564	Mitsubishi Heavy Industries, Ltd.	25/04/2016	3275564	16786456.0	
3278652	CNH Industrial Belgium NV	02/08/2017	3278652	17184520.9	
3280486	Alpha Omega Engineering Ltd.	07/04/2016	3280486	16721539.1	
3280685	Anaergia Inc.	25/01/2016	3280685	16742608.9	
3285776	Melinta Therapeutics, Inc.	20/04/2016	3285776	16783764.0	
3287158	Fresenius Medical Care Deutschland GmbH	27/07/2012	3287158	17191353.6	German
3289166	Drillmec SpA	26/04/2016	3289166	16729628.4	
3293643	SAP SE	23/06/2017	3293643	17001077.1	
3293884	MediaTek Inc.	08/09/2017	3293884	17190080.6	
3295305	Google LLC	26/10/2016	3295305	16795189.6	
3298782	Magic Pony Technology Limited	13/04/2017	3298782	17723729.4	
3302596	Ethicon, Inc.	23/05/2016	3302596	16725744.3	
3303049	Interactive Fully Electrical Vehicles S.r.l.	03/06/2016	3303049	16739255.4	
3305464	General Electric Company	29/09/2017	3305464	17194144.6	
3307654	Autostore Technology AS	10/06/2016	3307654	16730308.0	
3308600	3M Innovative Properties Company	08/06/2016	3308600	16732405.2	
3309022	Bombardier Transportation GmbH	29/09/2017	3309022	17194114.9	German
3309144	Stamicarbon B.V.	19/05/2009	3309144	17192882.3	
3310727	AGC Glass Europe	14/06/2016	3310727	16728966.9	French
3310890	Fater S.p.A.	22/06/2015	3310890	15731726.4	
3312503	LG Display Co., Ltd.	19/10/2017	3312503	17197250.8	
3314040	Talga Group Ltd	23/06/2016	3314040	16813370.0	
3314931	Samsung Electronics Co., Ltd.	29/06/2016	3314931	16818208.7	
3315530	Toray Industries, Inc.	22/06/2016	3315530	16814388.1	
3317752	Qeexo, Co.	29/06/2016	3317752	16818725.0	
3318281	Coriolis Pharma Research GmbH	04/11/2016	3318281	16197420.9	
3318354	Ivaldi, Dario Lemme, Rosanna Rossi, Silvio	31/10/2017	3318354	17199328.0	
3320756	Signify Holding B.V.	23/06/2016	3320756	16731178.6	
3321833	Mastercard International Incorporated	14/11/2016	3321833	16198603.9	
3325990	Israel Aerospace Industries Ltd.	21/07/2016	3325990	16827369.6	
3327466	Korea Hydro & Nuclear Power Co., Ltd	04/08/2015	3327466	15898997.0	
3327494	ANNAX GmbH	02/08/2017	3327494	17184544.9	German
3331340	Schaeffler Technologies AG & Co. KG	22/07/2016	3331340	16754177.0	German

3332062	Kornit Digital Ltd.	02/08/2016	3332062	16832424.2	
3332110	Westport Fuel Systems Canada Inc. Delphi Technologies IP Limited	04/08/2016	3332110	16832018.2	
3334282	IMERTECH SAS	12/08/2016	3334282	16753442.9	
3335102	Apple Inc.	10/08/2016	3335102	16753795.0	
3335150	Giesecke+Devrient Mobile Security GmbH	09/08/2016	3335150	16758088.5	German
3338623	Nokia Technologies Oy	23/12/2016	3338623	16206560.1	
3341692	Raytheon Company	12/06/2016	3341692	16732432.6	
3341811	Apple Inc.	23/09/2016	3341811	16774828.4	
3342435	Terumo Kabushiki Kaisha	25/08/2016	3342435	16841657.6	
3343389	Seat, S.A.	29/12/2016	3343389	16382671.2	
3344432	SABIC Global Technologies B.V.	30/08/2016	3344432	16766090.1	
3345263	Nura Holdings PTY Ltd	26/08/2016	3345263	16842711.0	
3347649	Brava Home, Inc.	09/09/2016	3347649	16845209.2	
3350155	Ecolab USA Inc.	16/09/2016	3350155	16847376.7	
3351159	LG Electronics Inc.	12/09/2016	3351159	16846853.6	
3351574	Mitsui Chemicals, Inc.	16/09/2016	3351574	16846616.7	
3351618	ILDONG BIOSCIENCE CO., LTD.	19/09/2016	3351618	16846919.5	
3351873	Coolar UG (beschränkte Haftung)	15/01/2018	3351873	18151609.7	German
3352200	Rohm Co., Ltd.	25/08/2016	3352200	16846221.6	
3353196	INSERM (Institut National de la Santé et de la Recherche Médicale) Fondation Imagine Assistance Publique-Hôpitaux de Paris (APHP) Université Paris Cité Centre National de la Recherche Scientifique (CNRS) Université de Bourgogne CNAM-CONSERVATOIRE NATIONAL DES ARTS ET METIERS	21/09/2016	3353196	16775121.3	
3353672	Alibaba Group Holding Limited	23/09/2016	3353672	16849813.7	
3353689	Alibaba Group Holding Limited	23/09/2016	3353689	16849811.1	
3354177	LG Electronics Inc.	21/09/2016	3354177	16848930.0	
3355307	Tahoe Research, Ltd.	04/01/2018	3355307	18150319.4	
3355567	CANON KABUSHIKI KAISHA	31/01/2018	3355567	18154339.8	

3356221	Latecoere	29/09/2016	3356221	16788220.8	French
3356286	TDK Corporation	30/09/2015	3356286	15777648.5	
3356850	McCullen, Robert J. Smith, Mark D. Aviation Communication & Surveillance Systems LLC	28/09/2016	3356850	16778631.8	
3356882	3M Innovative Properties Company	20/09/2016	3356882	16774599.1	
3358349	JVCKENWOOD Corporation	18/03/2016	3358349	16850704.4	
3359162	Biogen Chesapeake LLC	07/10/2016	3359162	16854422.9	
3360790	Hamilton Sundstrand Corporation	08/02/2018	3360790	18155734.9	
3362613	Jackon AS	12/10/2016	3362613	16855818.7	
3363594	Hu, Bobby	04/05/2017	3363594	17169481.3	
3364288	Seiko Epson Corporation	19/02/2018	3364288	18157466.6	
3364783	Philip Morris Products S.A.	17/10/2016	3364783	16805499.7	
3365384	KS Kolbenschmidt GmbH	21/10/2016	3365384	16787399.1	German
3365934	Upstart Power, Inc.	08/01/2016	3365934	16857907.6	
3368199	Lenzing Aktiengesellschaft	04/10/2016	3368199	16801122.9	German
3370239	Korea Electrotechnology Research Institute	01/12/2015	3370239	15907378.2	
3370534	Spraying Systems Co.	03/11/2016	3370534	16862991.3	
3370650	Polares Medical Inc.	02/11/2016	3370650	16862864.2	
3372098	Shenzhen First Union Technology Co., Ltd.	15/06/2018	3372098	18177942.2	
3372302	B. Braun Avitum AG	06/03/2017	3372302	17159395.7	
3373612	ZTE Corporation	05/07/2016	3373612	16861307.3	
3374373	Immune Design Corp.	09/11/2016	3374373	16798347.7	
3375552	Sandvik Intellectual Property AB	13/03/2017	3375552	17160524.9	
3375808	Sekisui Chemical Co., Ltd.	10/11/2016	3375808	16864314.6	
3377104	Memorial Sloan Kettering Cancer Center	18/11/2016	3377104	16867272.3	
3377454	Corning Incorporated	16/11/2016	3377454	16816774.0	
3377640	Covestro Intellectual Property GmbH & Co. KG	17/11/2016	3377640	16797903.8	German
3378854	Arena Pharmaceuticals, Inc.	27/01/2011	3378854	18156371.9	
3382526	Intel Corporation	07/02/2018	3382526	18155646.5	
3382996	ORANGE	30/03/2018	3382996	18305369.3	French
3383892	Juno Therapeutics, Inc.	02/12/2016	3383892	16829013.8	

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3385559	ArvinMeritor Technology, LLC	27/02/2018	3385559	18158785.8	
3386037	Tyco Electronics Japan G.K.	29/03/2018	3386037	18165108.4	
3386048	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	18/09/2017	3386048	17879655.3	
3388898	CANON KABUSHIKI KAISHA	26/03/2018	3388898	18163887.5	
3389266	Vestel Elektronik Sanayi ve Ticaret A.S.	10/04/2017	3389266	17165786.9	
3389267	Vestel Elektronik Sanayi ve Ticaret A.S.	10/04/2017	3389267	17165787.7	
3393073	ASUSTek Computer Inc.	13/04/2018	3393073	18167146.2	
3394251	DSM IP Assets B.V.	22/12/2016	3394251	16825761.6	
3394695	Voss Automotive GmbH	20/12/2016	3394695	16831617.2	German
3395011	Intel Corporation	18/11/2016	3395011	16879670.4	
3395748	MANITOU BF	26/04/2018	3395748	18169406.8	French
3397181	Olympus Winter & Ibe GmbH	30/12/2016	3397181	16823020.9	German
3397217	Elbit Systems Ltd	22/12/2016	3397217	16881397.0	
3397714	Rohm and Haas Company	29/12/2015	3397714	15911726.6	
3397940	Ventana Medical Systems, Inc.	22/12/2016	3397940	16819563.4	
3398562	Boston Scientific Limited	28/10/2014	3398562	18176014.1	
3398843	Tracefy B.V.	02/05/2018	3398843	18170324.0	
3401073	TESCA France	11/05/2018	3401073	18171955.0	French
3401216	Aurora Flight Sciences Corporation	26/04/2018	3401216	18169650.1	
3401252	CANON KABUSHIKI KAISHA	16/04/2018	3401252	18167533.1	
3401783	Huawei Technologies Co., Ltd.	03/03/2017	3401783	17844840.3	
3401815	Dassault Systèmes	09/05/2017	3401815	17305523.7	
3402373	SharkNinja Operating LLC	13/01/2017	3402373	17703518.5	
3402562	Boston Scientific Scimed, Inc.	13/01/2017	3402562	17703522.7	
3402647	Addex, Inc.	13/01/2017	3402647	17739101.8	
3402648	Addex, Inc.	13/01/2017	3402648	17739104.2	
3402718	Aurora Flight Sciences Corporation	12/01/2017	3402718	17701961.9	
3402832	PPG Industries Ohio, Inc.	13/01/2017	3402832	17738272.8	
3404467	HTC Corporation	06/03/2018	3404467	18160092.5	
3404511	Samsung Electronics Co., Ltd.	23/01/2017	3404511	17753386.6	
3406549	Krones Aktiengesellschaft	07/03/2018	3406549	18160415.8	German
3407241	Transmit Security Ltd.	25/05/2018	3407241	18174290.9	
3407659	LG Electronics Inc.	20/01/2017	3407659	17741701.1	
3409009	Varex Imaging Corporation	28/01/2017	3409009	17705224.8	

3410626	Panasonic Intellectual Property Corporation of America	29/01/2015	3410626	18172970.8	
3411548	Intelity, Inc.	05/02/2016	3411548	16889611.6	
3411911	Texas Instruments Incorporated	06/02/2017	3411911	17748366.6	
3413637	Sharp Kabushiki Kaisha	19/01/2017	3413637	17747203.2	
3414338	Qiagen Sciences, LLC	08/02/2017	3414338	17750729.0	
3414946	Nokia Technologies Oy	27/01/2017	3414946	17703789.2	
3416221	LG Chem, Ltd.	20/09/2017	3416221	17875980.9	
3416442	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	15/04/2016	3416442	16898269.2	
3416592	Lifenet Health	16/02/2017	3416592	17753787.5	
3416602	Fein, Michel	16/02/2017	3416602	17713994.6	French
3417086	Grenzebach Maschinenbau GmbH	18/10/2017	3417086	17794653.0	German
3417228	Valeo Termico S.A.	17/02/2017	3417228	17705635.5	
3417242	Allstate Insurance Company	15/02/2017	3417242	17753747.9	
3417564	Telefonaktiebolaget LM Ericsson (PUBL)	15/02/2017	3417564	17707975.3	
3420289	LGE IP MANAGEMENT COMPANY LIMITED	27/02/2017	3420289	17708328.4	
3420885	Mie University	23/02/2017	3420885	17756619.7	
3421185	Koki Holdings Co., Ltd.	27/01/2017	3421185	17756085.1	
3421885	MAN Energy Solutions SE	06/06/2018	3421885	18176189.1	German
3422488	Hirose Electric Co., Ltd.	27/02/2017	3422488	17756692.4	
3423382	Van Schijndel Holding B.V.	01/03/2017	3423382	17715801.1	
3423850	Battelle Energy Alliance, LLC	02/03/2017	3423850	17760845.2	
3423903	Casio Computer Co., Ltd.	07/12/2016	3423903	16892724.2	
3424650	Siemens Aktiengesellschaft	07/07/2017	3424650	17180267.1	
3424851	Krones Aktiengesellschaft	05/06/2018	3424851	18176000.0	German
3425341	KABUSHIKI KAISHA TOSHIBA	08/03/2018	3425341	18160688.0	
3425393	FUJIFILM Corporation	28/02/2017	3425393	17759983.4	
3429054	SK Innovation Co., Ltd.	07/03/2017	3429054	17763533.1	
3429651	TekCyte Limited	17/03/2017	3429651	17765584.2	
3431344	KYOCERA Corporation	08/03/2017	3431344	17766511.4	
3432021	Alps Alpine Co., Ltd.	24/01/2017	3432021	17766059.4	
3432464	Panasonic Intellectual Property Management Co., Ltd.	08/03/2017	3432464	17766473.7	

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3432860	Avicenna Nutraceutical, LLC Elnajjar, Ali Mourad, Ali	20/03/2017	3432860	17770897.1	
3432912	PeriphaGen, Inc.	24/03/2017	3432912	17771265.0	
3434128	NIKE Innovate C.V.	06/05/2014	3434128	18194216.0	
3434412	GF Machining Solutions AG	27/07/2017	3434412	17183550.7	German
3437307	Apple Inc.	24/05/2017	3437307	17729278.6	
3438645	OSANG HEALTHCARE CO., LTD.	29/11/2016	3438645	16897214.9	
3438785	Samsung Electronics Co., Ltd.	12/06/2018	3438785	18177322.7	
3440084	Dana-Farber Cancer Institute, Inc.	07/04/2017	3440084	17779885.7	
3440856	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	02/05/2017	3440856	17809586.5	
3441573	Raytheon Technologies Corporation	03/08/2018	3441573	18187221.9	
3442441	Applied Medical Resources Corporation	12/04/2017	3442441	17720338.7	
3442796	Cryovac, LLC	12/04/2017	3442796	17719783.7	
3445243	Vioptix, Inc.	21/04/2017	3445243	17786787.6	
3445292	Imascap SAS Ball, Robert	19/04/2017	3445292	17722238.7	
3445412	University Of Durham	12/05/2017	3445412	17727114.5	
3445749	Novartis AG	18/04/2017	3445749	17724654.3	
3448453	ReCO2very Therapies GmbH	27/04/2017	3448453	17720107.6	
3449539	Ricoh Company, Ltd.	19/04/2017	3449539	17723775.7	
3449973	Greatbatch Ltd.	11/06/2018	3449973	18177098.3	
3450369	OTIS Elevator Company	23/08/2018	3450369	18190485.5	
3450911	Faro Technologies, Inc.	07/08/2018	3450911	18187691.3	
3451715	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	13/07/2016	3451715	16908455.5	
3451806	Panasonic Intellectual Property Management Co., Ltd.	26/04/2017	3451806	17789588.5	
3451971	Barzilay, Gilad	30/04/2017	3451971	17792573.2	
3453104	Valeo eAutomotive Germany GmbH	02/05/2017	3453104	17720505.1	German
3453842	Raytheon Technologies Corporation	11/09/2018	3453842	18193884.6	
3454097	Valeo Vision	11/09/2018	3454097	18193830.9	French

3454596	China Mobile Communication Ltd., Research Institute China Mobile Communications Corporation	12/05/2017	3454596	17795633.1	
3454646	Vervaeke-Belavi	10/05/2017	3454646	17730271.8	
3455949	Qualcomm Incorporated	03/05/2017	3455949	17723599.1	
3456093	NEC Corporation	10/05/2017	3456093	17726714.3	
3456135	QUALCOMM Incorporated	10/05/2017	3456135	17724713.7	
3456450	Sandvik Intellectual Property AB	13/09/2017	3456450	17190921.1	
3457149	Hitachi, Ltd.	09/05/2016	3457149	16901596.3	
3457637	ABB Schweiz AG	18/09/2017	3457637	17191639.8	
3457883	NIKE Innovate C.V.	16/05/2017	3457883	17800011.3	
3459543	SK Biopharmaceuticals Co., Ltd.	18/05/2017	3459543	17799675.8	
3460295	Mitsui Chemicals, Inc.	16/05/2017	3460295	17799374.8	
3461074	Lleidanetworks Serveis Telemàtics, S.A.	21/09/2017	3461074	17382631.4	
3464238	Ineos Europe AG	04/05/2017	3464238	17724173.4	
3464769	Assa Abloy Entrance Systems AB	01/06/2017	3464769	17731081.0	
3466092	Canon Kabushiki Kaisha	23/05/2017	3466092	17724830.9	
3466605	Ulixes Robotersysteme GmbH	06/10/2017	3466605	17195208.8	German
3468383	Spécialités Pet Food	14/06/2017	3468383	17729159.8	
3468624	Zobebe Holding SpA	07/06/2017	3468624	17733371.3	
3469198	Monza Tech S.r.l.	26/07/2017	3469198	17742450.4	
3469213	Vestas Wind Systems A/S	13/06/2017	3469213	17732295.5	
3469459	Microsoft Technology Licensing, LLC	12/06/2017	3469459	17731741.9	
3470173	Essilor International	13/10/2017	3470173	17306389.2	
3471102	eMemory Technology Inc.	27/07/2018	3471102	18186022.2	
3472220	Sika Technology AG	20/06/2017	3472220	17731163.6	
3473023	Telefonaktiebolaget LM Ericsson (PUBL)	20/06/2016	3473023	16906200.7	
3473259	FUJIFILM Corporation	19/06/2017	3473259	17815347.4	
3475351	Evonik Operations GmbH	08/06/2017	3475351	17730435.9	German
3475965	Hitachi Energy Switzerland AG	27/06/2017	3475965	17821058.9	
3475995	Dow Global Technologies, LLC Rohm and Haas Electronic Materials LLC	26/06/2017	3475995	17734967.7	

3478029	Self Electronics Co., Ltd. SELF ELECTRONICS Germany GmbH Lin, Wanjong	08/10/2018	3478029	18199165.4	
3479517	Samsung Electronics Co., Ltd.	04/08/2017	3479517	17837293.4	
3480369	CCCC Highway Consultants Co., Ltd	30/01/2018	3480369	18154043.6	
3480469	Hitachi Industrial Equipment Systems Co., Ltd.	04/07/2016	3480469	16908098.3	
3480835	Sanyo Chemical Industries, Ltd.	28/06/2017	3480835	17820230.5	
3481540	President and Fellows of Harvard College Massachusetts Eye & Ear Infirmary	07/07/2017	3481540	17824957.9	
3481899	The University of Massachusetts	07/07/2017	3481899	17823752.5	
3482039	Shirley, Brandon Blake Guidry, Kirk Paul Cameron Technologies Limited	07/07/2017	3482039	17740269.0	
3482047	Pierburg Pump Technology GmbH	10/05/2017	3482047	17722457.3	German
3484346	Koninklijke Philips N.V.	14/07/2017	3484346	17746009.4	
3485115	Floodbreak, LLC	14/07/2017	3485115	17828564.9	
3485278	Kaivogen Oy	14/07/2017	3485278	17748816.0	
3485728	Amazonen-Werke H. Dreyer SE & Co. KG	02/11/2018	3485728	18401090.8	German
3486102	Toyota Jidosha Kabushiki Kaisha	20/11/2018	3486102	18207331.2	
3487331	RAI Strategic Holdings, Inc.	19/07/2017	3487331	17755245.2	
3490271	Bose Corporation	31/05/2017	3490271	19151841.4	
3490508	Mayo Foundation for Medical Education and Research	26/07/2017	3490508	17835162.3	
3491171	Ecolab USA Inc.	28/07/2017	3491171	17752520.1	
3492107	Abion Inc. Seoul National University R & DB Foundation	31/07/2017	3492107	17834832.2	
3492756	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE Centre National d'Etudes Spatiales	30/11/2018	3492756	18209423.5	French
3493555	GN Hearing A/S	29/11/2017	3493555	17204326.7	

3494389	TEWS Elektronik GmbH & Co. KG	01/08/2017	3494389	17746480.7	German
3494934	Cook Medical Technologies LLC	20/01/2014	3494934	18190561.3	
3495034	GLOBAL LIFE SCIENCES SOLUTIONS GERMANY GMBH	06/12/2018	3495034	18210789.6	
3496797	Häberle Laser- und Feinwerktechnik GmbH & Co. KG	02/08/2017	3496797	17754607.4	German
3497043	Fellner, Herbert Brandmüller, Ludwig	09/08/2017	3497043	17755450.8	German
3497050	Ball Corporation	09/08/2017	3497050	17840182.4	
3497293	Sguinzi Pietro S.p.A.	26/07/2017	3497293	17748574.5	
3497751	Intel Corporation	31/07/2017	3497751	17840020.6	
3498051	Philip Morris Products S.A.	08/08/2017	3498051	17749473.9	
3501164	Microsoft Technology Licensing, LLC	09/08/2017	3501164	17757609.7	
3502050	Fuji Corporation	22/08/2016	3502050	16914142.1	
3502866	Meta Platforms, Inc.	29/06/2018	3502866	18180858.5	
3503749	Nerudia Ltd.	25/08/2017	3503749	17758931.4	
3505109	Ethicon LLC	28/12/2018	3505109	18275268.3	
3505408	Nabtesco Automotive Corporation	25/08/2017	3505408	17843732.3	
3505937	Fujimori Kogyo Co., Ltd.	28/08/2017	3505937	17846425.1	
3506624	Panasonic Holdings Corporation	06/07/2017	3506624	17855349.1	
3506723	ZKW Group GmbH	29/12/2017	3506723	17211061.1	German
3506730	Techtronic Outdoor Products Technology Limited	01/09/2016	3506730	16914620.6	
3507138	Boat Lift S.r.L.	11/08/2017	3507138	17758635.1	
3508386	Great Wall Motor Company Limited	27/05/2017	3508386	17844947.6	
3508478	China State Institute of Pharmaceutical Industry Shanghai Institute of Pharmaceutical Industry	30/08/2017	3508478	17845414.6	
3509456	Barron, Jack	28/07/2017	3509456	17821452.4	
3509578	Glykon Technologies Group, LLC	08/09/2017	3509578	17849647.7	
3509966	Imper S.p.A.	15/09/2017	3509966	17778355.2	
3510264	Scania CV AB	22/08/2017	3510264	17849198.1	
3510938	Biosense Webster (Israel) Ltd.	09/01/2019	3510938	19150987.6	
3510971	Cook Medical Technologies LLC	09/01/2019	3510971	19275004.0	
3511688	STMicroelectronics S.r.l.	16/01/2019	3511688	19152183.0	
3512586	Fisher & Paykel Healthcare Limited	13/09/2017	3512586	17851160.6	

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3513723	NEC Corporation	11/09/2017	3513723	17850850.3	
3513951	CL Schutzrechtsverwaltungs GmbH	31/08/2017	3513951	19161483.3	German
3514694	ServiceNow, Inc.	18/01/2019	3514694	19152645.8	
3516086	General Electric Company	15/09/2017	3516086	17784065.9	
3517247	Robert Bosch GmbH	14/01/2019	3517247	19151548.5	German
3517477	OTIS Elevator Company	29/01/2019	3517477	19154306.5	
3517488	Freezio AG	12/01/2017	3517488	19157799.8	German
3517489	Freezio AG	12/01/2017	3517489	19157803.8	German
3518990	Dow Global Technologies, LLC	14/09/2017	3518990	17772816.9	
	Rohm and Haas Company				
3519498	Dow Global Technologies LLC	29/09/2017	3519498	17781345.8	
3520452	Nokia Technologies Oy	30/09/2016	3520452	16781943.2	
3522289	GS Yuasa International Ltd.	14/09/2017	3522289	17855764.1	
3523073	MAPAL Fabrik für	05/10/2017	3523073	17780112.3	German
	Präzisionswerkzeuge Dr. Kress KG				
3524160	Esaote S.p.A.	07/02/2018	3524160	18155460.1	
3525355	Samsung Electronics Co., Ltd.	28/02/2014	3525355	19166902.7	
3526071	Continental Automotive Technologies	14/10/2016	3526071	16787360.3	
	GmbH				
3527642	Nippon Soda Co., Ltd.	04/07/2017	3527642	17859566.6	
3528176	Joint-Stock Company "Pay-Ring"	12/10/2017	3528176	17859858.7	
3528386	Eagle Harbor Technologies, Inc.	13/07/2015	3528386	19165200.7	
3530665	Tosoh Finechem Corporation	04/10/2017	3530665	17861694.2	
3531365	Hitachi, Ltd.	18/02/2019	3531365	19157845.9	
3532057	Biocryst Pharmaceuticals, Inc.	27/10/2017	3532057	17864949.7	
3532333	CPS Technology Holdings LLC	25/10/2017	3532333	17800654.0	
3532440	Saint-Gobain Abrasives, Inc.	27/10/2017	3532440	17864751.7	
	Saint-Gobain Abrasifs				
3532674	The Procter & Gamble Company	27/10/2017	3532674	17804342.8	
3532687	Southco, Inc.	18/10/2017	3532687	17794826.2	
3535100	Louisiana-Pacific Corporation	04/11/2017	3535100	17868317.3	
3535405	ArcherDX, LLC	02/11/2017	3535405	17868046.8	
3536075	Qualcomm Incorporated	09/10/2017	3536075	17790912.4	
3536162	Boskein Nutrition Limited	18/10/2017	3536162	17867151.7	
3536520	Continental Reifen Deutschland GmbH	08/01/2019	3536520	19150627.8	German
3536652	Jungheinrich Aktiengesellschaft	25/02/2019	3536652	19159164.3	German
3536656	Jungheinrich Aktiengesellschaft	25/02/2019	3536656	19159220.3	German

3536741	Xerox Corporation	04/03/2019	3536741	19160660.7	
3537639	Huawei Technologies Co., Ltd.	16/11/2017	3537639	17871439.0	
3537828	NTT DOCOMO, INC.	25/08/2017	3537828	17868442.9	
3538398	Toyota Motor Engineering & Manufacturing North America, Inc.	19/10/2017	3538398	17797798.0	
3538837	River Front Services, Inc.	08/11/2017	3538837	17869384.2	
3538863	F. Hoffmann-La Roche AG Ventana Medical Systems, Inc.	08/11/2017	3538863	17801385.0	
3539236	QUALCOMM Incorporated	10/11/2017	3539236	17805354.2	
3539315	QUALCOMM Incorporated	10/11/2017	3539315	17868845.3	
3539691	CITIC Dicastal Co., Ltd.	11/03/2019	3539691	19161958.4	
3540877	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12/03/2019	3540877	19162315.6	
3541335	Laboratoires Théa	10/11/2017	3541335	17794986.4	
3542302	Avery Dennison Retail Information Services LLC	15/11/2017	3542302	17809114.6	
3542454	Geman Dynamic S.R.L.	15/11/2017	3542454	17822778.1	
3542572	QUALCOMM Incorporated	17/11/2017	3542572	17817392.8	
3542576	QUALCOMM Incorporated	10/11/2017	3542576	17805055.5	
3542657	He, Dantong	22/05/2017	3542657	17871046.3	
3542803	Chemas Co., Ltd.	17/11/2017	3542803	17872391.2	
3543032	Sony Group Corporation	17/10/2017	3543032	17872071.0	
3544940	Heraeus Deutschland GmbH & Co. KG	15/05/2018	3544940	18723839.9	
3545378	Volvo Construction Equipment AB	24/11/2016	3545378	16922054.8	
3547022	FUJIFILM Corporation	17/10/2017	3547022	17874516.2	
3547363	AT & S Austria Technologie & Systemtechnik Aktiengesellschaft	29/03/2018	3547363	18165132.4	
3549874	The Boeing Company	27/03/2019	3549874	19165608.1	
3550203	ZKW Group GmbH	04/04/2018	3550203	18165574.7	German
3550367	Kabushiki Kaisha Toshiba Toshiba Tec Kabushiki Kaisha	25/02/2019	3550367	19159146.0	
3552636	B. Braun Avitum AG	08/04/2019	3552636	19167973.7	German
3555303	Beijing Genomics Institute at Shenzhen Merck Sharp & Dohme Corp.	07/12/2017	3555303	17881986.8	
3555771	Oracle International Corporation	11/12/2017	3555771	17823295.5	
3556299	Applied Medical Resources Corporation	21/07/2010	3556299	19179256.3	

3556305	Beijing SMTP Technology Co., Ltd.	29/01/2018	3556305	18898370.4	
3556675	Crown Packaging Technology, Inc.	27/09/2012	3556675	19179176.3	
3557316	Diehl AKO Stiftung & Co. KG	20/04/2018	3557316	18000386.5	German
3557712	Proterra Operating Company, Inc.	20/03/2019	3557712	19164104.2	
3558201	The Procter & Gamble Company	19/12/2017	3558201	17829473.2	
3558415	Gambro Lundia AB	30/11/2017	3558415	17807864.8	
3558647	Parfums Christian Dior	21/12/2017	3558647	17829269.4	French
3560701	SCHOTT AG	23/04/2019	3560701	19170615.9	German
3560828	Shanghai Autoflight Co., Ltd.	10/04/2019	3560828	19168427.3	
3561077	Les Laboratoires Servier	21/10/2010	3561077	19159244.3	
3561837	ABB Schweiz AG	24/04/2018	3561837	18168970.4	
3562618	Zimmer, Martin Zimmer, Günther	31/12/2017	3562618	17849808.5	German
3562941	Johann Wolfgang Goethe-Universität Frankfurt am Main	27/12/2017	3562941	17832242.6	
3563654	AGCO Corporation	11/03/2019	3563654	19161928.7	
3564096	LG Innotek Co., Ltd.	27/12/2017	3564096	17888527.3	
3565064	Yazaki Corporation	26/04/2017	3565064	17889332.7	
3566265	Sibas Electronics (Xiamen) Co., Ltd Tyco Electronics (Shanghai) Co. Ltd.	03/01/2018	3566265	18700394.2	
3566465	Bose Corporation	05/01/2018	3566465	18701845.2	
3567246	INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER - IFREMER	06/05/2019	3567246	19305576.1	French
3567852	NTT DOCOMO, INC.	16/03/2010	3567852	19184087.5	
3567911	Wilus Institute of Standards and Technology Inc. SK Telecom Co., Ltd	09/01/2018	3567911	18736375.9	
3567950	ZTE Corporation	18/11/2017	3567950	17890817.4	
3568409	Vasomune Therapeutics Inc. Sunnybrook Research Institute	11/01/2018	3568409	18738716.2	
3568622	Grohe AG	16/01/2018	3568622	18704146.2	German
3569335	Harald Böhl GmbH	30/04/2019	3569335	19171795.8	German
3569354	TMD Friction Services GmbH	17/04/2019	3569354	19169822.4	German
3570017	Anton Paar ProveTec GmbH	15/05/2019	3570017	19174595.9	German
3570652	Agjunction LLC	17/01/2018	3570652	18709171.5	

3570709	Ergospace AS	17/01/2018	3570709	18705190.9	
3571262	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	19/01/2018	3571262	18701312.3	German
3571532	Geoquest Systems B.V.	17/01/2018	3571532	18742345.4	
3572045	Medtronic, Inc.	23/01/2009	3572045	19182656.9	
3572285	Kubota Corporation	21/12/2017	3572285	17892932.9	
3572302	Kubota Corporation	26/12/2017	3572302	17892273.8	
3573277	Huawei Technologies Co., Ltd.	10/08/2018	3573277	18844408.7	
3573927	thyssenkrupp Industrial Solutions AG thyssenkrupp AG	18/01/2018	3573927	18701309.9	German
3574629	Microsoft Technology Licensing, LLC	25/01/2018	3574629	18705748.4	
3574842	Lockcon AG	06/05/2019	3574842	19172761.9	German
3574984	TOYOTA JIDOSHA KABUSHIKI KAISHA	15/05/2019	3574984	19174725.2	
3576585	SEB S.A.	02/02/2018	3576585	18705710.4	French
3577478	Wisk Aero LLC	01/02/2017	3577478	17895244.6	
3577658	NVENT SERVICES GMBH	31/01/2018	3577658	18717112.9	
3579903	Cardiobridge GmbH	17/01/2018	3579903	18701009.5	German
3579985	ESTA Apparatebau GmbH & Co.KG	17/05/2017	3579985	17730363.3	German
3580251	BASF SE	13/02/2018	3580251	18704557.0	German
3580590	Heptagon Micro Optics Pte. Ltd.	09/02/2018	3580590	18751101.9	
3581145	3C	12/06/2018	3581145	18305714.0	
3581777	Raytheon Technologies Corporation	19/09/2017	3581777	19190401.0	
3583045	CENTRIX, INC.	15/02/2018	3583045	18753603.2	
3584941	Sony Group Corporation	06/02/2018	3584941	18755110.6	
3585285	Diamabrush LLC	20/02/2018	3585285	18708301.9	
3585437	Bayer Pharma Aktiengesellschaft	22/02/2018	3585437	18707340.8	
3585900	CRISPR Therapeutics AG	21/02/2018	3585900	18710915.2	
3586102	EmiSense Technologies LLC	21/02/2018	3586102	18707885.2	German
3586498	Samsung Electronics Co., Ltd.	27/03/2018	3586498	18775886.7	
3587243	Hamilton Sundstrand Corporation	29/06/2018	3587243	18461569.8	
3588162	FUJIFILM Corporation	12/12/2017	3588162	17897973.8	
3588768	Stratec SE	19/06/2019	3588768	19181155.3	
3589026	Samsung Electronics Co., Ltd.	23/03/2018	3589026	18772026.3	
3589044	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	15/03/2017	3589044	17900660.6	

3590795	Schmitz Cargobull AG	06/07/2018	3590795	18182209.9	German
3591070	uniQure IP B.V.	27/11/2015	3591070	19189091.2	
3591568	Hand Held Products, Inc.	28/06/2019	3591568	19183453.0	
3591784	ENSEA - Ecole Nationale Supérieure de L'Electronique et de ses Applications The University of Alabama in Huntsville	06/07/2018	3591784	18305899.9	French
3592737	Lomox Limited	28/02/2018	3592737	18709735.7	
3593095	Hodges & Drake Design Limited	05/03/2018	3593095	18714013.2	
3593113	Saudi Arabian Oil Company	28/02/2018	3593113	18713082.8	
3593201	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	01/03/2018	3593201	18708968.5	German
3593981	ESSILOR INTERNATIONAL	12/07/2018	3593981	18183220.5	
3594141	Krones AG	26/02/2019	3594141	19159275.7	German
3595216	Huawei Technologies Co., Ltd.	22/06/2018	3595216	18820393.9	
3595551	F. Hoffmann-La Roche AG	12/03/2018	3595551	18708715.0	
3596168	INEOS Styrolution Group GmbH	12/03/2018	3596168	18708712.7	
3596324	Enhanced Energy Efficiency Enterprises Limited	13/03/2018	3596324	18714015.7	
3597165	Fuji Corporation	06/12/2017	3597165	17900406.4	
3597573	Krones AG	31/05/2019	3597573	19177677.2	German
3597866	Rolls-Royce North American Technologies, Inc. Rolls-Royce Corporation Rolls-Royce plc	19/07/2019	3597866	19187172.2	
3597930	Raytheon Technologies Corporation	17/05/2019	3597930	19175251.8	
3599362	Mazda Motor Corporation	18/07/2019	3599362	19186893.4	
3599558	T2 Data AB	22/11/2016	3599558	19196137.4	
3600379	Accanis Biotech F&E GmbH & Co KG	29/03/2018	3600379	18712919.2	
3600724	Stratasys Ltd.	20/03/2018	3600724	18722739.2	
3600816	Acell Industries Limited	26/03/2018	3600816	18715245.9	
3601480	Nanosys, Inc.	27/03/2018	3601480	18718049.2	
3603444	Yoshino Kogyosho Co., Ltd.	30/03/2018	3603444	18778175.2	
3603793	IHI Corporation	29/03/2018	3603793	18776021.0	
3604089	Great Wall Motor Company Limited	30/03/2018	3604089	18775221.7	
3604139	Airbus Operations Limited	29/07/2019	3604139	19188806.4	
3604838	NHK Spring Co., Ltd.	23/03/2018	3604838	18776249.7	

3604945	Mitsubishi Electric Corporation	31/03/2017	3604945	17903257.8	
3605185	FUJIFILM Corporation	14/02/2018	3605185	18776072.3	
3606241	Huawei Technologies Co., Ltd.	04/09/2018	3606241	18855998.3	
3606567	Sintx Technologies, Inc.	23/01/2018	3606567	18774889.2	
3606947	F. Hoffmann-La Roche AG	29/03/2018	3606947	18715009.9	
3607092	Stem Arts Projects, LLC	11/01/2019	3607092	19738548.7	
3607116	Atotech Deutschland GmbH & Co. KG	04/04/2018	3607116	18714275.7	
3607198	Vestas Wind Systems A/S	05/04/2018	3607198	18717504.7	
3607861	Ningbo Chefshere Kitchen Technology Co., Ltd	14/03/2018	3607861	18776199.4	
3610291	BEA S.A.	10/04/2018	3610291	18720980.4	
3611068	Continental Autonomous Mobility Germany GmbH	16/08/2018	3611068	18189217.5	
3611227	ThreeBond Co., Ltd.	13/04/2018	3611227	18784152.3	
3611540	Analog Devices International Unlimited Company	02/08/2019	3611540	19189908.7	
3613379	Micron Machinery Co., Ltd.	21/09/2018	3613379	18879181.8	
3613570	Sumitomo Rubber Industries, Ltd.	22/08/2018	3613570	18190297.4	
3613647	Hitachi Astemo, Ltd.	22/05/2018	3613647	18824096.4	
3613816	Toyo Ink SC Holdings Co., Ltd. Toyocolor Co., Ltd.	17/04/2018	3613816	18787663.6	
3613869	Rolls-Royce Corporation Rolls-Royce North American Technologies, Inc.	07/08/2019	3613869	19190479.6	
3614264	Accenture Global Solutions Limited	08/07/2019	3614264	19184930.6	
3614353	Volkswagen Aktiengesellschaft	23/08/2018	3614353	18190517.5	
3614988	Medline Industries, Inc.	03/04/2018	3614988	18790700.1	
3615161	Universal City Studios LLC	23/04/2018	3615161	18723288.9	
3617534	Rohde & Schwarz GmbH & Co. KG	30/08/2018	3617534	18191767.5	
3617779	Wuhan Welhel Photoelectric Co. Ltd	13/07/2017	3617779	17907119.6	
3617840	Google LLC	19/04/2012	3617840	19205011.0	
3618333	Huawei Technologies Co., Ltd.	05/05/2017	3618333	17908285.4	
3618772	G21 S.r.l.	22/01/2018	3618772	18705020.8	
3619157	FT System S.r.l.	02/05/2018	3619157	18727051.7	
3619240	Corn Products Development, Inc.	01/05/2018	3619240	18729775.9	
3619250	BASF SE	27/04/2018	3619250	18719202.6	German
3620308	The Goodyear Tire & Rubber Company	29/08/2019	3620308	19194468.5	

3620633	Raytheon Technologies Corporation	13/03/2019	3620633	19162624.1	
3620767	Temptime Corporation	13/05/2013	3620767	19188479.0	
3622708	Motorola Solutions, Inc.	26/05/2017	3622708	17736778.6	
3622732	Motorola Solutions, Inc.	31/05/2018	3622732	18733748.0	
3623566	GEST Holding GmbH	29/08/2019	3623566	19194396.8	German
3623927	Samsung Electronics Co., Ltd.	28/12/2012	3623927	19206061.4	
3624053	Nagasaka, Toru	09/05/2017	3624053	17909404.0	
3624376	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	14/07/2017	3624376	17917279.6	
3624406	New H3C Technologies Co., Ltd.	14/06/2018	3624406	18821589.1	
3624425	Google LLC	24/06/2015	3624425	19171616.6	
3625182	Corning Incorporated	15/05/2018	3625182	18730509.9	
3625398	Hilti Aktiengesellschaft	18/05/2018	3625398	18725523.7	
3625399	Hilti Aktiengesellschaft	18/05/2018	3625399	18725835.5	
3625501	Marelli Automotive Lighting France	15/05/2018	3625501	18722640.2	French
3625613	Apple Inc.	31/08/2018	3625613	18773696.2	
3626470	GE.MA.TA. S.p.A.	19/09/2019	3626470	19198398.0	
3626643	FRoSTA Aktiengesellschaft	19/08/2019	3626643	19192405.9	German
3627018	SMC Corporation	02/04/2018	3627018	18802075.4	
3627022	Danfoss A/S	20/09/2018	3627022	18195626.9	
3627377	Hand Held Products, Inc.	01/08/2017	3627377	19209286.4	
3627523	Eaton Electrical Ltd.	17/09/2019	3627523	19197896.4	
3627649	Schneider Electric Industries SAS Institut Polytechnique de Grenoble	10/09/2019	3627649	19196478.2	French
3628613	Ricoh Company, Ltd.	26/09/2019	3628613	19199910.1	
3629049	QUALCOMM Incorporated	01/09/2015	3629049	19208639.5	
3629413	Commissariat à l'Energie Atomique et aux Energies Alternatives	26/09/2019	3629413	19199889.7	French
3629745	Intercontinental Great Brands LLC	24/05/2018	3629745	18731299.6	
3630019	Stryker Corporation	25/05/2018	3630019	18731315.0	
3630537	Electrans Technologies Ltd.	30/05/2018	3630537	18809711.7	
3631059	Maschinenfabrik Rieter AG	16/05/2018	3631059	18729205.7	German
3631103	Wavin B.V.	23/05/2018	3631103	18725852.0	
3631274	IK-Norway AS	30/05/2018	3631274	18810008.5	
3631349	Ziegler, Martin	28/05/2018	3631349	18728344.5	German
3631388	Microface Ltd	22/05/2018	3631388	18737343.6	

3631600	Microsoft Technology Licensing, LLC	24/04/2018	3631600	18726266.2	
3632687	CANON KABUSHIKI KAISHA	11/09/2019	3632687	19196749.6	
3633271	ELECTROLUX APPLIANCES AKTIEBOLAG	01/10/2018	3633271	18198037.6	
3633435	Shimadzu Corporation	25/05/2017	3633435	17911344.4	
3635224	Volkswagen Aktiengesellschaft	23/05/2018	3635224	18726976.6	German
3636062	Deere & Company	23/09/2019	3636062	19199055.5	
3636885	Raytheon Technologies Corporation	09/10/2019	3636885	19202228.3	
3637073	Max-Planck-Institut für Eisenforschung GmbH	09/10/2018	3637073	18199374.2	
3637918	Sony Group Corporation	26/06/2018	3637918	18823518.8	
3638981	Mobileye Vision Technologies Ltd.	14/06/2018	3638981	18752252.9	
3639508	Huawei Technologies Co., Ltd.	28/06/2017	3639508	17734060.1	
3640074	Ningbo Geely Automobile Research & Development Co. Ltd.	16/10/2018	3640074	18200712.0	
3640599	Samsung Electronics Co., Ltd.	15/04/2019	3640599	19169294.6	
3641081	Shan Dong University	14/03/2019	3641081	19797152.6	
3642383	The Procter & Gamble Company	22/06/2018	3642383	18740712.7	
3642530	Linde GmbH	19/06/2018	3642530	18731841.5	
3644317	FUJITSU LIMITED	16/09/2019	3644317	19197488.0	
3644460	Electro Terminal GmbH & Co KG	17/10/2019	3644460	19203807.3	German
3644496	TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION	21/06/2017	3644496	17914637.8	
3644918	L'Oreal	19/06/2018	3644918	18745720.5	
3645390	The Royal Veterinary College	02/07/2018	3645390	18739626.2	
3645793	Energy Office B.V.	27/06/2018	3645793	18740343.1	
3646073	Corning Research & Development Corporation	30/11/2017	3646073	17817572.5	
3646077	Corning Optical Communications LLC	30/11/2017	3646077	17817987.5	
3646079	Corning Research & Development Corporation	30/11/2017	3646079	17818378.6	
3646213	JPMorgan Chase Bank, N.A.	27/06/2018	3646213	18822802.7	
3646317	Invictus Medical, Inc.	26/06/2018	3646317	18824857.9	
3646522	QUALCOMM Incorporated	29/06/2018	3646522	18824762.1	
3647476	Julius Zorn GmbH	17/06/2019	3647476	19180442.6	German
3647783	Novartis AG	19/04/2013	3647783	19204477.4	

3648284	Solaredge Technologies Ltd.	23/10/2019	3648284	19204832.0	
3648446	Vivo Mobile Communication Co., Ltd.	03/05/2018	3648446	18822969.4	
3648523	Beijing Xiaomi Mobile Software Co., Ltd.	26/06/2017	3648523	17916015.5	
3649403	Woodward, Inc.	28/06/2018	3649403	18743652.2	
3651264	TE Connectivity Germany GmbH	16/03/2016	3651264	19213174.6	
3652834	DEHN SE	25/06/2018	3652834	18733863.7	German
3653037	Positec Power Tools (Suzhou) Co., Ltd	07/08/2015	3653037	19208731.0	
3653248	Fritz Stephan GmbH	10/03/2016	3653248	20150286.1	German
3653780	Groupe Brandt	13/11/2019	3653780	19208762.5	French
3654214	Trustonic Limited	14/11/2019	3654214	19209219.5	
3654858	Griesmühle Kleinkraftwerk GmbH Universität Basel Johannes Kepler Universität Linz	06/06/2018	3654858	18730714.5	German
3655647	General Electric Company	19/07/2018	3655647	18835109.2	
3657197	Arriver Software AB	22/11/2018	3657197	18207727.1	
3658619	INEOS Styrolution Group GmbH	25/07/2018	3658619	18745604.1	
3659599	Signal Pharmaceuticals, LLC	18/10/2012	3659599	20152170.5	
3660820	Samsung Display Co., Ltd.	27/11/2019	3660820	19211864.4	
3661166	ServiceNow, Inc.	10/07/2018	3661166	20153542.4	
3661435	Stryker Corporation	02/08/2018	3661435	18759206.8	
3662099	Trützschler Group SE	03/07/2018	3662099	18737582.9	German
3662607	Qualcomm Incorporated	03/08/2018	3662607	18762193.3	
3663129	TS Tech Co., Ltd.	05/12/2017	3663129	17919753.8	
3663485	Beijing Huashang Luhai Technology Co., Ltd.	27/07/2018	3663485	18840824.9	
3663616	Valqua, Ltd.	11/07/2018	3663616	18841791.9	
3664143	Samsung Display Co., Ltd.	12/11/2019	3664143	19208669.2	
3664857	Tomas Bata University In Zlín	17/07/2018	3664857	18773924.8	
3665040	ZKW Group GmbH	24/07/2018	3665040	18752086.1	German
3666801	The Goodyear Tire & Rubber Company	10/12/2019	3666801	19214895.5	
3666979	Sumitomo (S.H.I.) Construction Machinery Co., Ltd.	07/08/2018	3666979	18844144.8	
3666998	iLOQ Oy	05/09/2018	3666998	19212497.2	
3667953	Nokia Solutions and Networks Oy	12/12/2019	3667953	19215584.4	

3668148	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	11/08/2017	3668148	17920982.0	
3668702	Hewlett-Packard Development Company, L.P.	04/10/2017	3668702	17928055.7	
3668752	Revivermx, Inc.	05/01/2018	3668752	18846728.6	
3668798	CHEP Technology Pty Limited	14/08/2018	3668798	18846334.3	
3668955	ChampionX USA Inc.	17/08/2018	3668955	18779834.3	
3669396	TDK Electronics AG	10/08/2018	3669396	18755180.9	
3670007	Siemens Aktiengesellschaft	21/12/2018	3670007	18215500.2	German
3670142	The Goodyear Tire & Rubber Company	18/12/2019	3670142	19217284.9	
3671159	Exentis Knowledge GmbH	21/12/2018	3671159	18215757.8	German
3671838	Sony Group Corporation	18/05/2018	3671838	18846069.5	
3672442	HEATSAIL, NAAMLOZE VENNOOTSCHAP	22/08/2018	3672442	18779019.1	
3672857	Swiss Transportation Research Institute AG	15/09/2017	3672857	17797864.0	
3672949	Novartis AG	23/08/2018	3672949	18772885.2	
3673570	Miba Automation Systems Ges.m.b.H.	03/08/2018	3673570	18765352.2	German
3674257	Freezio AG	12/01/2017	3674257	20157886.1	German
3674811	Brother Kogyo Kabushiki Kaisha	30/09/2016	3674811	20157737.6	
3675570	LG Electronics Inc.	14/02/2019	3675570	19753630.3	
3676062	Université De Limoges Centre National de la Recherche Scientifique Université De Poitiers	29/08/2018	3676062	18766150.9	French
3677365	LG CHEM, LTD.	14/08/2019	3677365	19852496.9	
3678136	STMicroelectronics Inc. STMicroelectronics International N.V.	23/12/2019	3678136	19219425.6	
3678331	Huawei Technologies Co., Ltd.	05/09/2018	3678331	18863359.8	
3678852	LM Wind Power A/S	04/09/2018	3678852	18759655.6	
3679098	Arkema France	10/09/2018	3679098	18782102.0	French
3679694	Somfy Activites SA	03/09/2018	3679694	18759342.1	French
3680055	Kawasaki Jukogyo Kabushiki Kaisha	07/09/2018	3680055	18854125.4	
3680264	Saudi Arabian Oil Company King Abdullah University Of Science And Technology	20/10/2016	3680264	20161055.7	

3680745	NXP USA, Inc.	09/01/2019	3680745	19305028.3	
3681347	Paul Hettich GmbH & Co. KG	13/09/2018	3681347	18769681.0	German
3681988	Unilever Global IP Limited	03/09/2018	3681988	18759643.2	
3682411	RWE Renewables GmbH	11/09/2018	3682411	18769147.2	German
3682597	Huawei Technologies Co., Ltd.	27/09/2018	3682597	18863972.8	
3682676	Qualcomm Incorporated	11/09/2018	3682676	18780275.6	
3683239	Beijing Mabworks Biotech Co. Ltd.	02/01/2020	3683239	20150084.0	
3684217	3M Innovative Properties Company	10/09/2018	3684217	18779047.2	
3684667	Siemens Mobility GmbH	24/10/2018	3684667	18800510.2	German
3684845	SHPP Global Technologies B.V.	19/09/2018	3684845	18783251.4	
3685802	Edwards Lifesciences Corporation	10/05/2018	3685802	20157740.0	
3685899	TE Connectivity Norge AS	23/01/2019	3685899	19305089.5	
	MEAS France				
3685987	Motherson Innovations Company Limited	24/01/2019	3685987	19153542.6	
3686447	NOK Corporation	07/08/2018	3686447	18857699.5	
3687632	Laboratoires De Biologie Vegetale Yves Rocher	25/09/2018	3687632	18792426.1	French
3687807	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	13/07/2018	3687807	18749237.6	
3687861	Audi AG	02/07/2018	3687861	18736884.0	German
3688953	Telefonaktiebolaget LM Ericsson (Publ)	19/09/2018	3688953	18773988.3	
3689647	Aiways Automobile (Shanghai) Co., Ltd	13/09/2018	3689647	18863616.1	
3690279	NSK Ltd.	31/07/2018	3690279	18859181.2	
3691293	I-PEX Inc.	10/09/2018	3691293	18861734.4	
3691301	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	27/09/2017	3691301	17927668.8	
3691572	Limacorporate S.p.A.	06/10/2017	3691572	17838081.2	
3691867	Kumovis GmbH	28/09/2018	3691867	18779662.8	German
3692172	InnoSIGN B.V.	27/09/2018	3692172	18773212.8	
3693110	CeramTec GmbH	29/05/2018	3693110	20159135.1	German
3693505	Candy S.p.A.	07/02/2020	3693505	20156139.6	
3693594	Acción Penas, Antonio	11/06/2018	3693594	18783051.8	
3693722	Roche Diagnostics Hematology, Inc.	04/04/2014	3693722	19219829.9	
3693955	Planet Ylla, Ramon	04/10/2018	3693955	18814663.3	

3694446	Zimmer, Inc.	10/10/2018	3694446	18796230.3	
3694931	The University Court of the University of Edinburgh	10/10/2018	3694931	18789571.9	
3695632	Qualcomm Incorporated	11/09/2018	3695632	18782841.3	
3695717	New Direction Tackle Ltd.	15/02/2019	3695717	19157395.5	
3696129	KONE Corporation	05/10/2012	3696129	20166389.5	
3696330	Renggli, Werner	10/01/2020	3696330	20151256.3	German
3696595	Thales	05/02/2020	3696595	20155523.2	French
3697006	HUAWEI TECHNOLOGIES CO., LTD.	04/04/2019	3697006	19781158.1	
3697169	QUALCOMM Incorporated	28/12/2009	3697169	20160520.1	
3697682	LTA Research And Exploration, LLC	11/10/2018	3697682	18868216.5	
3698542	Huawei Technologies Co., Ltd.	25/10/2017	3698542	17804315.4	
3699202	FUJIFILM Corporation	04/10/2018	3699202	18868285.0	
3699413	Raytheon Technologies Corporation	03/07/2014	3699413	20167388.6	
3699660	Rittal GmbH & Co. KG	17/01/2020	3699660	20152522.7	German
3700240	Telia Company AB	19/02/2019	3700240	19157986.1	
3700726	IMA Schelling Deutschland GmbH	18/10/2018	3700726	18789612.1	German
3701893	Stryker European Operations Holdings LLC	06/12/2017	3701893	20170777.5	
3702166	Seiko Epson Corporation	13/02/2020	3702166	20157198.1	
3702624	Mitsubishi Heavy Industries Compressor Corporation	20/02/2020	3702624	20158433.1	
3702678	Electrolux Professional S.p.A.	26/02/2019	3702678	19159487.8	
3703337	Huawei Technologies Co., Ltd.	22/11/2017	3703337	17932687.1	
3703695	PIERRE FABRE MEDICAMENT	05/11/2018	3703695	18806981.9	
3704121	Bristol-Myers Squibb Company	01/11/2018	3704121	18814722.7	
3704307	Polytex Sportbeläge Produktions- GmbH	02/11/2018	3704307	18796058.8	
3705320	JSA	25/02/2020	3705320	20159384.5	French
3705385	Wipro Limited	28/03/2019	3705385	19165897.0	
3706356	LG Electronics Inc.	18/01/2019	3706356	19741330.5	
3706463	Telefonaktiebolaget LM Ericsson (publ)	30/10/2014	3706463	20168358.8	
3707704	Amazon Technologies Inc.	11/03/2019	3707704	19713293.9	
3707844	QUALCOMM Incorporated	06/11/2018	3707844	18807810.9	
3708417	Jamco Corporation	06/11/2018	3708417	18872786.1	

3708485	AIRBUS HELICOPTERS DEUTSCHLAND GmbH	14/03/2019	3708485	19400009.7	
3708859	Mazda Motor Corporation	13/11/2018	3708859	18884863.4	
3708903	Zumtobel Lighting GmbH	24/03/2017	3708903	20172867.2	German
3709076	Coretronic Corporation	02/03/2020	3709076	20160386.7	
3709121	TTO Thermotechnik d.o.o.	09/03/2020	3709121	20161728.9	German
3709122	TTO Thermotechnik d.o.o.	09/03/2020	3709122	20161748.7	German
3709621	CANON KABUSHIKI KAISHA	11/03/2020	3709621	20162446.7	
3709664	Wangsu Science & Technology Co., Ltd.	06/03/2019	3709664	19725834.6	
3710269	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	06/02/2019	3710269	19706346.4	
3710639	Aebi Schmidt Nederland BV	28/10/2016	3710639	16791359.9	German
3711138	Compleo Charging Solutions AG	08/11/2018	3711138	18803372.4	German
3711934	ROXEL France	19/03/2020	3711934	20164301.2	French
3711959	BROTHER KOGYO KABUSHIKI KAISHA	31/07/2017	3711959	20174579.1	
3713151	AO Kaspersky Lab	08/07/2019	3713151	19185058.5	
3713346	Vivo Mobile Communication Co., Ltd.	11/10/2018	3713346	18878580.2	
3713378	Tridonic GmbH & Co KG	18/03/2019	3713378	19163343.7	
3715165	VOLKSWAGEN AG	10/03/2020	3715165	20161948.3	German
3715705	Marelli Automotive Lighting Reutlingen (Germany) GmbH	10/03/2020	3715705	20161977.2	German
3716056	INTEL Corporation	24/01/2020	3716056	20153492.2	
3718699	The Boeing Company	13/03/2020	3718699	20163021.7	
3719614	Funai Electric Co., Ltd.	05/03/2020	3719614	20161297.5	
3720046	Microsoft Technology Licensing, LLC	19/04/2017	3720046	20177008.8	
3720694	Continental Reifen Deutschland GmbH Harburg-Freudenberger Maschinenbau GmbH	18/09/2018	3720694	18773405.8	German
3721425	STOBA AG	08/12/2017	3721425	17816669.0	German
3722057	Weber Maschinenbau GmbH Breidenbach	07/04/2020	3722057	20168449.5	German
3722474	KARL MAYER STOLL R&D GmbH	08/04/2019	3722474	19167921.6	German
3722486	LG ELECTRONICS INC.	14/04/2020	3722486	20169304.1	
3722755	Fotech Group Limited	13/01/2017	3722755	20170626.4	

3722974	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	19/09/2018	3722974	18901520.9	
3723283	MediaTek Singapore Pte. Ltd.	07/04/2020	3723283	20168573.2	
3725533	Tyco Electronics UK Ltd	18/04/2019	3725533	19170002.0	
3725989	Soyal Technology Co., Ltd.	08/04/2020	3725989	20168852.0	
3726182	Uninetec.Corp Korea Institute Of Civil Engineering And Building Technology	29/11/2019	3726182	19898568.1	
3726201	HORIBA Advanced Techno, Co., Ltd.	31/03/2020	3726201	20166927.2	
3726202	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE	15/04/2019	3726202	19020288.7	German
3726450	Luxrobo Co., Ltd.	17/09/2019	3726450	19862450.4	
3726754	Beijing Xiaomi Mobile Software Co., Ltd.	28/12/2017	3726754	17936151.4	
3729307	Hiasecure	19/11/2018	3729307	18825747.1	French
3730093	KeraMed, Inc.	27/09/2011	3730093	20170940.9	
3730333	Bayerische Motoren Werke Aktiengesellschaft	26/03/2020	3730333	20165945.5	
3730364	Airbus Operations Limited	20/04/2020	3730364	20170474.9	
3730831	Samsung Electronics Co., Ltd.	30/09/2019	3730831	19200605.4	
3730893	Schäfer, Karl	25/04/2019	3730893	19170973.2	German
3731613	Commissariat à l'énergie atomique et aux énergies alternatives	24/06/2020	3731613	20181973.7	French
3733012	NIKE Innovate C.V.	26/05/2016	3733012	20180407.7	
3733305	tesa nie wieder bohren GmbH	23/04/2020	3733305	20170964.9	German
3733383	TEEPACK SPEZIALMASCHINEN GMBH & CO. KG	02/05/2019	3733383	19172261.0	German
3733481	JTEKT CORPORATION	23/04/2020	3733481	20171086.0	
3734994	Harman International Industries, Incorporated	29/04/2020	3734994	20172156.0	
3735431	Wisconsin Alumni Research Foundation	13/12/2018	3735431	18898444.7	
3736640	Nivarox-FAR S.A.	07/05/2019	3736640	19173069.6	French
3736867	Artlux Inc.	11/09/2019	3736867	19196704.1	
3736977	ZTE Corporation	07/01/2019	3736977	19736021.7	

3737119	YAZAKI CORPORATION	03/04/2020	3737119	20167961.0	
3738826	IVECO FRANCE S.A.S.	29/04/2020	3738826	20305413.5	
3739527	Google LLC	26/04/2018	3739527	20183226.8	
3740961	Sécheron SA	14/01/2019	3740961	19704045.4	
3741314	Covidien LP	23/05/2012	3741314	20184833.0	
3741771	Yabao Pharmaceutical Group Co., Ltd. Suzhou Yabao Pharmaceutical R&D Co., Ltd.	17/01/2019	3741771	19741343.8	
3741894	Nippon Filcon Co., Ltd.	11/10/2018	3741894	18901301.4	
3741963	Rolls-Royce plc	20/04/2020	3741963	20170314.7	
3741994	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	16/09/2019	3741994	19890253.8	
3742026	CLAAS Tractor S.A.S.	06/02/2020	3742026	20155767.5	German
3742139	ABB Schweiz AG	21/05/2019	3742139	19175757.4	
3742494	Universal Display Corporation	22/05/2020	3742494	20176156.6	
3742501	KANEKA CORPORATION	19/02/2019	3742501	19756583.1	
3742564	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	07/01/2019	3742564	19767946.7	
3742716	Canon Production Printing Holding B.V.	24/05/2019	3742716	19176488.5	
3743185	Saudi Arabian Oil Company	05/02/2019	3743185	19706118.7	
3743411	Bayer Aktiengesellschaft	21/01/2019	3743411	19701216.4	German
3744128	QUALCOMM Incorporated	28/12/2018	3744128	18836338.6	
3744256	CANON KABUSHIKI KAISHA	27/01/2016	3744256	20182380.4	
3744355	Metal Estalki, S. L.	29/05/2019	3744355	19382434.9	
3745425	Aptiv Technologies Limited	28/05/2020	3745425	20177223.3	
3746733	Advanced Material Engineering Pte Ltd	01/02/2019	3746733	19747733.4	
3746995	Draeger Safety UK Limited	31/01/2019	3746995	19704414.2	
3747918	Seed Co., Ltd.	01/02/2019	3747918	19748198.9	
3748336	Raytheon Technologies Corporation	05/06/2020	3748336	20178556.5	
3748366	Siemens Healthcare Diagnostics Products GmbH	06/06/2019	3748366	19178702.7	German
3748866	Samsung Electronics Co., Ltd.	19/04/2017	3748866	20188130.7	
3749402	Maquet Critical Care AB	06/02/2019	3749402	19705404.2	
3750880	Zhangzhou Pien Tze Huang Pharmaceutical Co., Ltd.	02/02/2019	3750880	19750681.9	

3751017	Raytheon Technologies Corporation	07/09/2018	3751017	20186338.8	
3751152	Linde GmbH	13/06/2019	3751152	19020383.6	German
3751322	Sterlite Technologies Limited	10/06/2020	3751322	20179397.3	
3751356	Richemont International S.A.	12/03/2020	3751356	20162701.5	French
3751448	Nextvpu (Shanghai) Co., Ltd.	27/08/2019	3751448	19193818.2	
3751676	YAZAKI CORPORATION	07/05/2020	3751676	20173359.9	
3752412	Renault s.a.s	08/02/2019	3752412	19703725.2	French
3752492	Bayer Aktiengesellschaft	11/02/2019	3752492	19705158.4	
3752702	ArcByt, Inc.	08/02/2019	3752702	19707216.8	
3753134	Sharp Kabushiki Kaisha	04/02/2019	3753134	19754907.4	
	FG Innovation Company Limited				
3753462	LG Electronics Inc.	25/04/2017	3753462	20185478.3	
3753813	Mazda Motor Corporation	12/03/2020	3753813	20162593.6	
3753814	Mazda Motor Corporation	12/03/2020	3753814	20162589.4	
3754482	Zhuhai Pantum Electronics Co., Ltd.	12/03/2019	3754482	19785765.9	
3754832	DAIKIN INDUSTRIES, LTD.	13/02/2019	3754832	19777495.3	
3754854	SHENZHEN GOODIX TECHNOLOGY CO., LTD.	31/01/2019	3754854	19912229.2	
3754962	CANON KABUSHIKI KAISHA	18/06/2015	3754962	20186012.9	
3755072	HUAWEI TECHNOLOGIES CO., LTD.	14/02/2018	3755072	18905989.2	
3755115	HUAWEI TECHNOLOGIES CO., LTD.	14/02/2019	3755115	19754743.3	
3755517	ARKAL AUTOMOTIVE C.S. LTD.	30/01/2019	3755517	19709779.3	
3755626	SAFRAN AIRCRAFT ENGINES	19/02/2019	3755626	19710063.9	French
3756998	The Boeing Company	03/04/2020	3756998	20168018.8	
3757664	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	08/02/2019	3757664	19757241.5	
3758416	KDDI Corporation	05/09/2018	3758416	18906801.8	
3758777	Bayer HealthCare, LLC	25/02/2019	3758777	19710231.2	
3758926	Presona AB	26/02/2019	3758926	19708071.6	
3759362	UOP LLC	28/02/2019	3759362	19760399.6	
3759564	Air Liquide Advanced Technologies U.S. LLC	01/03/2019	3759564	19714262.3	
3759880	Telefonaktiebolaget LM Ericsson (publ)	01/03/2018	3759880	18708971.9	
3760143	Wan, Shaw, P.	27/04/2015	3760143	20188182.8	
3760449	Horizon International Inc.	08/02/2019	3760449	19760307.9	

3761065	Deere & Company	24/06/2020	3761065	20182035.4	
3761495	NXP USA, Inc.	22/06/2020	3761495	20181504.0	
3761776	Agco Corporation	04/03/2019	3761776	19714788.7	
3761794	MU Mecanicos Unidos S.A.S.	08/03/2019	3761794	19764888.4	
3762361	CHEVRON PHILLIPS CHEMICAL COMPANY LP	04/03/2019	3762361	19714892.7	
3762637	Vitesco Technologies GmbH	06/03/2019	3762637	19711028.1	German
3763133	Bose Corporation	06/03/2019	3763133	19716603.6	
3763235	Sun, Yingui	27/08/2018	3763235	18909024.4	
3765273	International Business Machines Corporation	01/03/2019	3765273	19709659.7	
3765286	AdvanSix Resins & Chemicals LLC	07/03/2019	3765286	19717008.7	
3765671	Volvo Construction Equipment AB	15/03/2018	3765671	18909735.5	
3766176	FREC N SYS	14/03/2019	3766176	19709523.5	
3766279	Samsung Electronics Co., Ltd.	10/07/2019	3766279	19834456.6	
3766946	Idemitsu Kosan Co.,Ltd.	28/02/2019	3766946	19768456.6	
3767263	Herzog Maschinenfabrik GmbH & Co. KG	16/07/2019	3767263	19186604.5	German
3767875	Lleidanetworks Serveis Telemàtics, S.A.	16/07/2019	3767875	19382602.1	
3767963	Advanced Digital Broadcast S.A.	15/07/2019	3767963	19186301.8	
3768010	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	30/03/2018	3768010	18912066.0	
3768405	Safran Ceramics	21/12/2018	3768405	18849443.9	French
3768962	Robert Bosch GmbH	19/03/2019	3768962	19713386.1	German
3769653	Geberit International AG	20/03/2019	3769653	19770526.2	
3770413	M.C. Aeronautique	20/06/2020	3770413	20181293.0	French
3770745	Samsung Electronics Co., Ltd.	08/04/2013	3770745	20196064.8	
3771190	Samsung Electronics Co., Ltd.	16/01/2012	3771190	20196221.4	
3771993	Amadeus S.A.S.	30/07/2020	3771993	20188621.5	
3772143	Zimmer, Günther Zimmer, Martin	29/07/2020	3772143	20000267.3	German
3772188	Saturn Satellite Networks, Inc.	30/10/2019	3772188	19206294.1	
3772362	Prof. Dr. Fischer AG	05/08/2020	3772362	20189619.8	German
3772784	Nexans	08/08/2019	3772784	19315086.9	German
3773323	TRI Dental Implants Int. AG	27/02/2020	3773323	20711052.9	German

3774322	Crypton, Inc.	08/05/2019	3774322	19725554.0	
3774543	GKN Aerospace Services Limited	29/03/2019	3774543	19716237.3	
3774791	Incyte Corporation	29/03/2019	3774791	19722310.0	
3775374	Delfortgroup AG	26/03/2020	3775374	20715803.1	German
3776772	Igus GmbH	26/03/2019	3776772	19714197.1	German
3779025	LG Electronics Inc.	12/08/2020	3779025	20190653.4	
3779165	HONDA MOTOR CO., LTD.	30/03/2018	3779165	18912666.7	
3779598	Kla-Tencor Corporation	04/04/2012	3779598	20177915.4	
3780263	Huawei Technologies Co., Ltd.	28/04/2018	3780263	18916987.3	
3780562	Sony Group Corporation	26/02/2019	3780562	19808223.2	
3780842	HUAWEI TECHNOLOGIES CO., LTD.	03/04/2019	3780842	19781222.5	
3781079	Rapid Shape GmbH Straumann Holding AG	18/04/2019	3781079	19720510.7	German
3781408	Bundesdruckerei GmbH	15/04/2019	3781408	19722000.7	German
3781880	ENI S.p.A.	12/04/2019	3781880	19727717.1	
3782321	QUALCOMM Incorporated	17/04/2019	3782321	19721940.5	
3782926	Fedex Corporate Services, Inc.	12/01/2016	3782926	20201379.3	
3783286	PHC Holdings Corporation	16/05/2019	3783286	19807594.7	
3783428	Alcon Inc.	17/02/2015	3783428	20202563.1	
3783907	Go!Foton Holdings, Inc.	21/05/2018	3783907	20195164.7	
3784071	Philip Morris Products S.A.	23/04/2019	3784071	19718412.0	
3784103	NUMATIC INTERNATIONAL LIMITED	23/04/2019	3784103	19719614.0	
3784551	Lago Accessori S.r.l.	21/01/2019	3784551	19701224.8	
3786014	Robert Bosch GmbH	04/04/2019	3786014	19724912.1	
3787039	AZUR SPACE Solar Power GmbH	17/08/2020	3787039	20000289.7	German
3787897	Tata Steel IJmuiden B.V.	23/04/2019	3787897	19718394.0	
3788731	SZ DJI Technology Co., Ltd.	19/07/2019	3788731	19817931.9	
3789614	DAIKIN INDUSTRIES, LTD.	06/06/2019	3789614	19822074.1	
3790307	HUAWEI TECHNOLOGIES CO., LTD.	08/03/2019	3790307	19799118.5	
3790337	Huawei Technologies Co., Ltd.	28/04/2019	3790337	19800067.1	
3790519	GDM S.p.A.	02/05/2019	3790519	19729817.7	

3791886	Aix-Marseille Université L'Air Liquide, société anonyme pour l'Étude et l'Exploitation des procédés Georges Claude Centre National de la Recherche Scientifique	03/09/2020	3791886	20194266.1	French
3792187	B/E Aerospace, Inc.	11/09/2020	3792187	20195794.1	
3792576	OVH	04/09/2018	3792576	20206065.3	
3792911	Tencent Technology (Shenzhen) Company Limited	28/03/2019	3792911	19800168.7	
3793711	MANN+HUMMEL GmbH	14/05/2019	3793711	19724443.7	German
3793912	ALPLA Werke Alwin Lehner GmbH & Co. KG	26/03/2019	3793912	19714172.4	German
3794245	Magna PT B.V. & Co. KG	09/05/2019	3794245	19724398.3	German
3794895	ORANGE	15/05/2019	3794895	19730198.9	French
3794896	ORANGE	15/05/2019	3794896	19737161.0	French
3795070	HeartFlow, Inc.	15/03/2017	3795070	20202450.1	
3795837	HUSQVARNA AB	31/01/2019	3795837	20206153.7	
3796875	Medtentia International Ltd Oy	01/05/2019	3796875	19723339.8	
3797075	The Procter & Gamble Company	15/05/2019	3797075	19731006.3	
3797247	Wärtsilä Moss AS	21/05/2018	3797247	18726777.8	
3797371	NortonLifeLock Inc.	26/03/2019	3797371	19716700.0	
3797732	3Shape A/S	27/09/2019	3797732	19200306.9	
3798162	KYOCERA Document Solutions Inc.	21/09/2020	3798162	20197091.0	
3798322	PrecisionBiotics Group Limited	26/09/2019	3798322	19199825.1	
3798418	Rolls-Royce plc	24/08/2020	3798418	20192320.8	
3798460	Siemens Gamesa Renewable Energy Deutschland GmbH	30/09/2019	3798460	19200560.1	
3800088	Foviatech GmbH	25/05/2020	3800088	20176218.4	
3800125	The Boeing Company	18/08/2020	3800125	20191563.4	
3801082	Philip Morris Products S.A.	24/05/2019	3801082	19726683.6	
3801823	GLATT GMBH	20/05/2019	3801823	19726356.9	German
3802298	Indian Motorcycle International, LLC	04/06/2019	3802298	19733607.6	
3802517	Idorsia Pharmaceuticals Ltd	05/06/2019	3802517	19731163.2	
3802717	Dow Silicones Corporation	05/06/2019	3802717	19815493.2	
3803063	SAFRAN AIRCRAFT ENGINES	24/05/2019	3803063	19737819.3	French
3803271	Nextnav, LLC	26/03/2019	3803271	19716685.3	

3803610	Nordic Semiconductor ASA	28/05/2019	3803610	19727381.6	
3803618	Microsoft Technology Licensing, LLC	16/05/2019	3803618	19728565.3	
3804248	Nordic Semiconductor ASA	06/06/2019	3804248	19730727.5	
3805062	Huawei Technologies Co., Ltd.	25/06/2019	3805062	19826527.4	
3805300	SHPP Global Technologies B.V.	14/02/2020	3805300	20157480.3	
3805736	VisEra Technologies Company Limited	21/11/2019	3805736	19210706.8	
3808461	Pellenc Selective Technologies Société par actions simplifiée	23/09/2020	3808461	20197662.8	French
3808937	Pratt & Whitney Canada Corp.	16/10/2020	3808937	20202409.7	
3809695	Samsung Electronics Co., Ltd.	23/09/2020	3809695	20197914.3	
3809749	Seven Networks, LLC	11/06/2014	3809749	20197052.2	
3811278	SAFRAN AIRCRAFT ENGINES	24/07/2019	3811278	19790632.4	French
3811830	Miele & Cie. KG Eugster/Frismag AG	29/09/2020	3811830	20199032.2	German
3812194	Faiveley Transport Tours	07/10/2020	3812194	20200453.7	French
3813114	Samsung Electronics Co., Ltd.	16/06/2020	3813114	20180218.8	
3813597	Tempur World, LLC	26/06/2019	3813597	19827157.9	
3814199	VOLVO TRUCK CORPORATION	27/06/2018	3814199	18738221.3	
3815621	JVC KENWOOD Corporation	29/05/2019	3815621	19847281.3	
3816642	Beijing Huafeng Test & Control Technology Co., Ltd.	29/06/2018	3816642	18924950.1	
3816796	Ricoh Company, Ltd.	02/10/2020	3816796	20199863.0	
3817411	YOKOGAWA ELECTRIC CORPORATION	05/10/2020	3817411	20200098.0	
3818224	Julius Blum GmbH	13/06/2019	3818224	19732532.7	German
3818389	LYTELOOP TECHNOLOGIES, LLC	09/08/2019	3818389	19848330.7	
3818628	Robert Bosch GmbH	24/05/2019	3818628	19726976.4	German
3819497	Xinjiang Goldwind Science & Technology Co., Ltd.	04/01/2019	3819497	19858460.9	
3819820	Beijing Baidu Netcom Science and Technology Co., Ltd.	22/03/2021	3819820	21163943.0	
3820064	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	16/08/2018	3820064	18929906.8	
3820100	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	10/08/2018	3820100	18929540.5	

3821134	Edwards Limited	27/06/2019	3821134	19736449.0	
3821319	Samsung Electronics Co., Ltd.	07/10/2019	3821319	19869819.3	
3821348	Graphcore Limited	28/06/2019	3821348	19735292.5	
3821570	Raytheon Company	29/03/2019	3821570	19722725.9	
3821738	Artnature Inc. JUKI Corporation	16/11/2020	3821738	20207690.7	
3821740	JUKI Corporation Artnature Inc.	16/11/2020	3821740	20207692.3	
3823845	GACW Incorporated	15/07/2019	3823845	19746335.9	
3825144	Sumitomo Rubber Industries, Ltd.	20/10/2020	3825144	20202813.0	
3825658	Allegro MicroSystems, LLC	26/04/2017	3825658	20206805.2	
3826563	Bak & Mermel LLC	25/07/2019	3826563	19839979.2	
3826713	Medtronic, Inc.	19/07/2019	3826713	19749920.5	
3826844	Borealis AG	22/07/2019	3826844	19740407.2	
3827944	Métafil-Lagirolle SA	29/11/2019	3827944	19212608.4	French
3828070	Yamaha Hatsudoki Kabushiki Kaisha	30/08/2019	3828070	19854943.8	
3828515	Pietro Fiorentini S.p.A.	25/11/2020	3828515	20209694.7	
3828736	Baidu USA LLC	24/11/2020	3828736	20209585.7	
3829147	Beijing Xiaomi Mobile Software Co., Ltd.	29/07/2020	3829147	20188420.2	
3829443	Brainlab AG	30/07/2018	3829443	18753332.8	
3830303	Paul Wurth Italia S.p.A. Paul Wurth S.A.	26/07/2019	3830303	19742408.8	
3831394	Seikagaku Corporation	15/01/2016	3831394	21150701.7	
3831529	Tsudakoma Kogyo Kabushiki Kaisha	25/11/2020	3831529	20209809.1	
3832084	Yamaha Hatsudoki Kabushiki Kaisha	21/05/2019	3832084	19843259.3	
3833092	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	03/03/2017	3833092	21154530.6	
3835091	HANKOOK TIRE & TECHNOLOGY CO., LTD	03/12/2020	3835091	20211672.9	
3836451	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	09/05/2019	3836451	19927678.3	
3836742	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	15/10/2018	3836742	18937333.5	

3837432	Renault s.a.s	15/07/2019	3837432	19742329.6	French
3838617	The Goodyear Tire & Rubber Company	16/12/2020	3838617	20214469.7	
3841699	Telefonaktiebolaget LM Ericsson (publ)	22/08/2019	3841699	19780001.4	
3842195	Dollar Shave Club, Inc.	17/03/2017	3842195	21156426.5	
3845287	Caleffi S.p.A.	31/12/2019	3845287	19220226.5	
3845532	Medshine Discovery Inc.	27/09/2019	3845532	19865180.4	
3845753	Airbus Operations (S.A.S.)	05/01/2021	3845753	21150167.1	French
3845754	Airbus Operations (S.A.S.)	05/01/2021	3845754	21150168.9	French
3845807	Société Nouvelle Sourdillon	29/12/2020	3845807	20217703.6	French
3845893	Industrial Technology Research Institute	27/04/2020	3845893	20171530.7	
3846579	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	21/03/2019	3846579	19919915.9	
3847037	Kommanditgesellschaft SYNOPTRIX Lichttechnik GmbH & Co.	04/09/2019	3847037	19774058.2	German
3847787	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	07/09/2018	3847787	18766239.0	
3847898	Frigomat S.r.l.	10/01/2020	3847898	20425001.3	
3848697	Automa S.r.l. F.M. Engineering S.r.l.	05/01/2021	3848697	21150205.9	
3848763	Elektrobit Automotive GmbH	08/01/2020	3848763	20150747.2	German
3849367	Rijksuniversiteit Groningen Academisch Ziekenhuis Groningen	15/08/2019	3849367	19756030.3	
3849711	Sicpa Holding SA	05/08/2019	3849711	19748544.4	
3849968	Bristol-Myers Squibb Company	12/09/2019	3849968	19779240.1	
3850038	West Pharmaceutical Services, Inc.	09/09/2019	3850038	19773626.7	
3851098	Drug Plastics & Glass Company, Inc. Boveda Inc.	12/10/2017	3851098	21158574.0	
3851377	B/E Aerospace, Inc.	13/01/2021	3851377	21151311.4	
3852624	Lululemon Athletica Canada Inc.	16/09/2019	3852624	19863650.8	
3852991	SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	20/09/2019	3852991	19801621.4	
3853434	Oil States Industries (UK) Limited	18/09/2019	3853434	19790704.1	
3854593	CANON KABUSHIKI KAISHA	19/01/2021	3854593	21152388.1	

3854975	emv AG Taglieber Holzbau GmbH DAW SE	23/01/2020	3854975	20153433.6	German
3857064	Siemens Gamesa Renewable Energy A/S	15/10/2019	3857064	19795100.7	
3857121	PSA Automobiles SA	06/09/2019	3857121	19787332.6	French
3857161	Rheinmetall Waffe Munition GmbH	27/08/2019	3857161	19759573.9	German
3857287	Snap Inc.	07/08/2019	3857287	19753435.7	
3858417	FUJIFILM Corporation	25/09/2019	3858417	19867027.5	
3858579	Sumitomo Heavy Industries, Ltd.	29/01/2021	3858579	21154180.0	
3859129	Weichai Power Co., Ltd. Weichai Power Emission Solutions Technology Co., Ltd.	29/09/2018	3859129	18934577.0	
3859192	Robert Bosch GmbH	03/02/2020	3859192	20155186.8	
3859483	Grohe AG	20/01/2021	3859483	21152608.2	German
3860678	MBH-International A/S	02/10/2019	3860678	19783423.7	
3860880	GENTEX CORPORATION	16/09/2019	3860880	19868933.3	
3860927	Perkins Engines Company Limited	01/10/2019	3860927	19790140.8	
3861347	Eisai R&D Management Co., Ltd.	02/10/2019	3861347	19790312.3	
3861694	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	04/10/2018	3861694	18786891.4	
3862191	Giesecke+Devrient Currency Technology GmbH	07/01/2016	3862191	21160781.7	German
3862597	ZF CV Systems Europe BV	01/02/2021	3862597	21154488.7	German
3862624	Marelli Automotive Lighting Italy S.p.A. Con Socio Unico	05/02/2021	3862624	21155631.1	
3862650	DAIKIN INDUSTRIES, LTD.	27/09/2019	3862650	19868322.9	
3862760	3M Innovative Properties Company	06/02/2020	3862760	20155759.2	
3863395	CNH Industrial Belgium NV	11/10/2019	3863395	19795729.3	
3863855	Koenig & Bauer AG	09/05/2019	3863855	19723106.1	German
3863911	Renault s.a.s	03/10/2019	3863911	19779498.5	French
3864057	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	02/10/2019	3864057	19801941.6	French
3864331	F.Lli Righini S.r.l.	11/10/2019	3864331	19805733.3	
3864516	Microsoft Technology Licensing, LLC	13/11/2019	3864516	19836705.4	
3864681	Siemens Energy Global GmbH & Co. KG	21/10/2019	3864681	19801483.9	German

3865331	CNH Industrial Italia S.p.A.	11/02/2021	3865331	21156466.1	
3865456	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	27/12/2019	3865456	19916041.7	
3868441	Carl Zeiss Meditec AG	05/02/2021	3868441	21155601.4	German
3868698	ZF Friedrichshafen AG	02/02/2021	3868698	21154662.7	German
3868753	Bristol-Myers Squibb Company	28/07/2016	3868753	21164321.8	
3869161	Dr. Johannes Heidenhain GmbH	02/02/2021	3869161	21154843.3	German
3869705	HYUNDAI MOTOR COMPANY Kia Corporation	31/10/2019	3869705	21168562.3	
3869768	China Mobile Communication Co., Ltd Research Institute CHINA MOBILE COMMUNICATIONS GROUP CO., LTD	22/10/2019	3869768	19876821.0	
3869775	BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD.	08/02/2021	3869775	21155668.3	
3870227	SeraNovo B.V.	23/10/2019	3870227	19828892.0	
3870234	Pharma Mar, S.A.	25/10/2019	3870234	19790550.8	
3870653	Eastman Kodak Company	11/10/2019	3870653	19795407.6	
3870861	Volvo Construction Equipment AB	24/10/2018	3870861	18793637.2	
3870874	Veyhl GmbH	21/10/2019	3870874	19795482.9	German
3871358	Ofinno, LLC	05/10/2020	3871358	20797605.1	
3871518	Japan Tobacco Inc.	25/02/2021	3871518	21159229.0	
3872428	DAIKIN INDUSTRIES, LTD.	17/10/2019	3872428	19885901.9	
3872978	Nanjing Chervon Industry Co., Ltd.	28/11/2019	3872978	19890514.3	
3873752	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	30/10/2019	3873752	19804888.6	
3873883	Small Pharma Ltd	09/11/2020	3873883	20816375.8	
3874926	Tokyo Keiki Inc.	30/10/2019	3874926	19878452.2	
3874935	CNH Industrial Belgium N.V.	04/03/2021	3874935	21160625.6	
3875879	DAIKIN INDUSTRIES, LTD.	25/10/2019	3875879	19879980.1	
3875916	Hamilton Sundstrand Corporation	06/03/2020	3875916	20461519.9	
3877233	ZF Friedrichshafen AG	06/11/2019	3877233	19801267.6	German
3877324	Polykeg S.r.l.	08/11/2019	3877324	19821147.6	
3877378	Syngenta Crop Protection AG	01/11/2019	3877378	19806100.4	
3877594	Caterpillar Inc.	17/10/2019	3877594	19798440.4	

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3878196	Samsung Electronics Co., Ltd.	07/02/2020	3878196	20755058.3	
3878335	iRobot Corporation	03/05/2019	3878335	21157202.9	
3878621	Haidlmair Holding GmbH	13/03/2020	3878621	20163203.1	German
3879364	SICK AG	21/01/2021	3879364	21152660.3	German
3879370	Mitsubishi Electric Corporation	05/12/2018	3879370	18942235.5	
3879548	ABB Schweiz AG	10/03/2020	3879548	20162221.4	
3879573	Sensors Unlimited, Inc.	10/03/2021	3879573	21161779.0	
3879904	QUALCOMM Incorporated	26/02/2016	3879904	21169533.3	
3880910	Nemesy S.R.L.C.R.	06/11/2019	3880910	19808991.4	
3881101	THALES	15/11/2019	3881101	19801890.5	French
3881215	XIPHERA OY	12/11/2019	3881215	19813067.6	
3881727	LG Electronics Inc.	09/01/2019	3881727	21167761.2	
3882079	Alpine Electronics, Inc.	02/03/2021	3882079	21160294.1	
3882918	Micron Technology, Inc.	02/06/2017	3882918	21173973.5	
3883413	RAI Strategic Holdings, Inc.	31/10/2019	3883413	19798747.2	
3883547	CannaXan GmbH	05/01/2021	3883547	21700361.5	
3883603	Intervet International B.V.	22/11/2019	3883603	19809048.2	
3883733	PureLoop GesmbH	13/10/2020	3883733	20793253.4	German
3883770	Vitrik S.r.l.	15/11/2019	3883770	19818255.2	
3884874	JVCKenwood Corporation	17/09/2019	3884874	19905105.3	
3885037	Uniwersytet Gdanski	19/03/2021	3885037	21163754.1	
3885109	Makerbot Industries, LLC	10/11/2014	3885109	21174956.9	
3886932	Ethicon, Inc	27/11/2019	3886932	19816913.8	
3887019	Corning Incorporated	15/11/2019	3887019	19821330.8	
3887149	Corning Incorporated	26/11/2019	3887149	19827912.7	
3887259	Alcon Inc.	25/11/2019	3887259	19828314.5	
3887424	Covestro Intellectual Property GmbH & Co. KG	25/11/2019	3887424	19809766.9	
3887576	Sedo Engineering SA	29/11/2019	3887576	19813784.6	
3887624	Elok Låsproduksjon AS	17/10/2019	3887624	19813235.9	
3888550	Biosense Webster (Israel) Ltd.	30/03/2021	3888550	21165834.9	
3888873	Sumitomo Heavy Industries, Ltd.	18/03/2021	3888873	21163302.9	
3888877	Sumitomo Heavy Industries, Ltd.	22/03/2021	3888877	21163848.1	
3888918	AGFA NV	30/03/2020	3888918	20166543.7	
3889123	Fiorente, Francesco Paolo	01/04/2021	3889123	21020178.6	
3890380	Sony Group Corporation	02/04/2011	3890380	21173208.6	
3890435	Monosuisse AG	03/04/2020	3890435	20167888.5	German

3890978	Koenig & Bauer AG	27/11/2019	3890978	19812763.1	German
3891006	Mercedes-Benz Group AG	23/10/2019	3891006	19794959.7	German
3894393	Z Factor Limited	13/12/2019	3894393	19835312.0	
3894711	fischerwerke GmbH & Co. KG	02/12/2019	3894711	19813505.5	German
3895848	Milwaukee Electric Tool Corporation	08/06/2017	3895848	21171338.3	
3896032	Yanshan University	09/11/2020	3896032	20206360.8	
3896037	Corning Incorporated	24/08/2017	3896037	21172286.3	
3896716	MKS Instruments, Inc.	12/01/2017	3896716	20208684.9	
3898535	Radmat AG	17/12/2019	3898535	19835582.8	German
3899136	KEMIRA OYJ	22/05/2019	3899136	19727444.2	
3899196	Weatherford Technology Holdings, LLC	02/12/2019	3899196	19827996.0	
3899376	bubl. AB	08/11/2019	3899376	19801837.6	
3899891	Essence Security International (E.S.I.) Ltd.	18/12/2019	3899891	19828330.1	
3900297	Siemens Aktiengesellschaft	31/01/2020	3900297	20704438.9	German
3900679	Medtronic, Inc.	16/04/2021	3900679	21168810.6	
3901694	LG Display Co., Ltd.	28/05/2020	3901694	21178876.5	
3901914	BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.	23/03/2021	3901914	21164355.6	
3902994	Siemens Gamesa Renewable Energy A/S	29/01/2020	3902994	20704427.2	
3903973	Seco Tools AB	27/04/2020	3903973	20171564.6	
3904274	Ningbo Healthkey Motion Technology Co., Ltd	30/12/2019	3904274	19901850.8	
3904498	Chengdu Daosheng Biotechnology, Co., Ltd.	07/01/2020	3904498	20749727.2	
3904829	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.	25/03/2021	3904829	21165040.3	
3904901	Veoneer Sweden AB	28/04/2020	3904901	20171805.3	
3905361	Samsung Display Co., Ltd. Kyushu University, National University Corporation	28/04/2021	3905361	21171002.5	
3905708	Broadpeak	27/04/2020	3905708	20315225.1	
3905896	Philip Morris Products, S.A.	30/12/2019	3905896	19832156.4	
3906211	Polykeg S.r.l.	31/12/2019	3906211	19848937.9	
3906653	Siemens Aktiengesellschaft	17/03/2020	3906653	20714931.1	German

3907380	Mitsubishi Heavy Industries Compressor Corporation	18/03/2021	3907380	21163392.0	
3907634	Advanced New Technologies Co., Ltd.	20/05/2019	3907634	21183006.2	
3907895	Commissariat à l'Energie Atomique et aux Energies Alternatives	28/04/2021	3907895	21170948.0	French
3908553	Tessengerlo Group NV	08/01/2020	3908553	20700053.0	
3908586	F. Hoffmann-La Roche AG	09/01/2020	3908586	20704652.5	
3908762	Comer Industries S.p.A.	25/11/2019	3908762	19808593.8	
3909180	Telefonaktiebolaget LM Ericsson (PUBL)	10/01/2020	3909180	20700981.2	
3909491	Gree Electric Appliances, Inc. of Zhuhai	17/10/2019	3909491	19909388.1	
3909789	DT Swiss AG	15/05/2021	3909789	21173986.7	German
3910430	Parador GmbH	10/05/2021	3910430	21172992.6	German
3910996	LG Electronics Inc.	19/03/2020	3910996	20773158.9	
3911020	IPCom GmbH & Co. KG	12/02/2018	3911020	21171985.1	
3911840	Safran Helicopter Engines	17/01/2020	3911840	20709263.6	French
3912466	Exel Industries	11/05/2021	3912466	21173313.4	French
3912520	SEB S.A.	02/02/2018	3912520	21184975.7	French
3912783	Mitsubishi Heavy Industries Machinery Systems, Ltd. Bridgestone Corporation	20/02/2019	3912783	19916514.3	
3912795	Tata Consultancy Services Limited	30/10/2020	3912795	20204825.2	
3912877	NISSAN MOTOR Co., Ltd. Renault s.a.s	15/01/2019	3912877	19909634.8	
3913249	MAZDA MOTOR CORPORATION	17/03/2021	3913249	21163071.0	
3913574	Tata Consultancy Services Limited	28/09/2020	3913574	20198737.7	
3913932	Telefonaktiebolaget LM Ericsson (publ)	11/09/2007	3913932	21176400.6	
3913936	Yealink (Xiamen) Network Technology Co., Ltd.	07/05/2021	3913936	21172740.9	
3914116	SARL SP	20/01/2020	3914116	20705426.3	French
3914458	BASF SE	16/01/2020	3914458	20700716.2	
3914783	Oblamatik AG	22/01/2019	3914783	19702356.7	German
3916176	HAUTAU GmbH	06/05/2021	3916176	21172467.9	German
3918767	T-Mobile USA, Inc.	30/01/2020	3918767	20708382.5	
3918993	Magnolia Medical Technologies, Inc.	30/05/2013	3918993	21167069.0	

3920862	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Electricité de France	07/02/2020	3920862	20706801.6	French
3921189	Kemlair	30/01/2020	3921189	20701648.6	French
3922073	Telefonaktiebolaget LM Ericsson (publ)	07/02/2019	3922073	19704590.9	
3922369	Dromont S.p.A.	08/03/2021	3922369	21161183.5	
3923058	HTC Corporation	06/05/2021	3923058	21172603.9	
3924690	Photon Oy	05/02/2020	3924690	20708531.7	
3925307	Telefonaktiebolaget LM Ericsson (publ)	11/02/2019	3925307	19704791.3	
3925664	Pacesetter, Inc.	11/03/2020	3925664	21189258.3	
3925683	Guangzhou Farrleey Filtration Co., Ltd.	16/03/2021	3925683	21162741.9	
3925856	IVECO FRANCE S.A.S.	18/06/2021	3925856	21305839.9	
3926715	Contemporary Ampere Technology Co., Limited	14/07/2020	3926715	20848421.2	
3927518	Synventive Molding Solutions, Inc.	25/02/2020	3927518	20714758.8	
3927529	SAFRAN AIRCRAFT ENGINES	18/02/2020	3927529	20710988.5	French
3927586	Faiveley Transport Italia S.p.A.	20/02/2020	3927586	20712020.5	
3928252	Mitsubishi Electric Corporation	15/12/2020	3928252	20851347.3	
3928599	Commissariat à l'Energie Atomique et aux Energies Alternatives	20/02/2020	3928599	20704919.8	French
3929952	Schneider Electric Industries SAS	21/06/2021	3929952	21305848.0	
3929953	Schneider Electric Industries SAS	21/06/2021	3929953	21305847.2	
3931362	Edgewell Personal Care Brands, LLC	08/01/2020	3931362	20703354.9	
3931875	ISORG	18/02/2020	3931875	20704548.5	French
3932373	Bolton Medical, Inc.	23/02/2018	3932373	21187803.8	
3932597	AB Sandvik Coromant	01/07/2020	3932597	20183360.5	
3932880	Shin-Etsu Chemical Co., Ltd.	21/06/2021	3932880	21180707.8	
3934000	LG Energy Solution, Ltd.	01/04/2020	3934000	20782020.0	
3934128	Samsung Electronics Co., Ltd.	08/07/2013	3934128	21193484.9	
3935925	Signify Holding B.V.	03/03/2020	3935925	20706760.4	
3936446	Bizerba SE & Co. KG	10/07/2020	3936446	20185206.8	German
3936741	Moventas Gears Oy	19/02/2019	3936741	21193898.0	
3936922	Leica Microsystems CMS GmbH	10/07/2020	3936922	20185147.4	
3937414	QUALCOMM Incorporated	05/06/2017	3937414	21190954.4	
3937442	Mitsubishi Electric Corporation	10/07/2020	3937442	20185334.8	
3938295	Topsy S.r.l.	11/03/2020	3938295	20714140.9	
3940573	Doble Engineering Company	30/03/2017	3940573	21176033.5	

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3943001	Samsung Electronics Co., Ltd.	28/09/2017	3943001	21194081.2	
3943044	Boston Scientific Scimed, Inc.	27/02/2014	3943044	21191480.9	
3943797	LG Electronics Inc.	11/09/2020	3943797	20195833.7	
3944397	Contemporary Ampere Technology Co., Limited	26/11/2019	3944397	21193751.1	
3945281	VolkerWessels Intellectuele Eigendom B.V.	13/07/2021	3945281	21185225.6	
3946074	Medacta International SA	24/03/2020	3946074	20713501.3	
3947037	ZKW Group GmbH	11/03/2020	3947037	20713846.2	German
3947140	Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung	06/03/2020	3947140	20714470.0	German
3948150	Droptec GmbH	01/04/2020	3948150	20718584.4	German
3952767	Medacta International SA	06/04/2020	3952767	20714101.1	
3953915	Verisure Sàrl	29/06/2020	3953915	20735551.2	
3955084	SMS Group GmbH	04/08/2021	3955084	21189634.5	German
3955400	Universitatea Tehnica "Gheorghe Asachi" Din Iasi	30/10/2020	3955400	20465577.3	
3955522	Deutsche Telekom AG	11/08/2020	3955522	20190484.4	
3956578	Terberg Benschop B.V.	17/04/2020	3956578	20720870.3	
3957096	British Telecommunications public limited company	07/05/2020	3957096	20723136.6	
3958082	Stiga S.p.A. in breve anche St. S.p.A.	02/07/2020	3958082	21199105.4	
3959056	Ludwig Hettich Holding GmbH & Co. KG	31/07/2020	3959056	20751107.2	German
3960506	SUMITOMO RUBBER INDUSTRIES LIMITED	27/07/2021	3960506	21188059.6	
3961447	AIT Austrian Institute of Technology GmbH	17/08/2021	3961447	21191583.0	German
3965235	Yazaki Corporation	30/08/2021	3965235	21193798.2	
3967199	iRobot Corporation	04/09/2019	3967199	21183726.5	
3967401	F. Hoffmann-La Roche AG	10/09/2020	3967401	20195525.9	
3967568	Liebherr-Transportation Systems GmbH & Co. KG	26/08/2021	3967568	21193267.8	German
3968640	Electronics And Telecommunications Research Institute	18/01/2013	3968640	21202078.8	

3968641	Electronics And Telecommunications Research Institute	18/01/2013	3968641	21202102.6	
3968832	Koninklijke Philips N.V.	06/05/2020	3968832	20723130.9	
3969626	Paul Wurth S.A.	13/05/2020	3969626	20724171.2	
3973146	SAFRAN AIRCRAFT ENGINES	27/04/2020	3973146	20720100.5	French
3976398	KÖNIG S.P.A	06/05/2020	3976398	20724794.1	
3977088	KRISTL, SEIBT & CO ENGINEERS GESELLSCHAFT M.B.H.	29/05/2020	3977088	20731778.5	German
3979393	TI Automotive Technology Center GmbH	30/09/2020	3979393	20199326.8	German
3980814	Audi AG	10/02/2021	3980814	21705453.5	German
3981552	Panasonic Intellectual Property Management Co., Ltd.	24/04/2020	3981552	20818039.8	
3982093	Yazaki Corporation	06/10/2021	3982093	21201206.6	
3982791	DFM Spolka z Ograniczona Odpowiedzialnoscia	01/09/2021	3982791	21798815.3	
3983286	VRM S.P.A.	21/10/2020	3983286	20808506.8	
3984018	SHELLENBERG, Sonja	23/07/2020	3984018	20745193.1	German
3986117	ZERO SRL	19/06/2020	3986117	20744103.1	
3986217	Rheavendors Services S.P.A.	18/06/2020	3986217	20742474.8	
3986218	Rheavendors Services S.P.A.	18/06/2020	3986218	20742476.3	
3989833	Koninklijke Philips N.V.	25/06/2020	3989833	20733846.8	
3992580	Everdrone AB	03/11/2020	3992580	20205432.6	
3994859	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	22/07/2019	3994859	19742205.8	
4002850	Sun Patent Trust	07/08/2013	4002850	21213221.1	
4008291	Khan, Macksoud	03/12/2021	4008291	21212396.2	
4009447	Yazaki Corporation	01/12/2021	4009447	21211640.4	
4009448	Yazaki Corporation	30/11/2021	4009448	21211311.2	
4013919	Taipale, Johanna	12/08/2020	4013919	20757558.0	
4018019	Wacker Chemie AG	21/07/2020	4018019	20743691.6	German
4021018	Axis AB	22/12/2020	4021018	20216506.4	
4022275	Siemens Aktiengesellschaft	07/10/2020	4022275	20797376.9	
4024921	Orange	20/04/2018	4024921	22156962.7	French
4025466	Bluebus	02/10/2020	4025466	20780759.5	French
4026392	Ofinno, LLC	31/08/2021	4026392	21778291.1	

4027081	Oxford Instruments Nanotechnology Tools Limited	15/03/2010	4027081	22154522.1	
4030611	Jiangsu Contemporary Ampere Technology Limited	08/02/2021	4030611	21745203.6	
4030900	Zasso Group AG	17/09/2020	4030900	20788713.4	
4031603	SPCM SA	23/10/2020	4031603	20793383.9	French
4033191	Lumenion GmbH	22/01/2021	4033191	21153117.3	German
4035315	Beckhoff Automation GmbH	13/11/2020	4035315	20807719.8	German
4066857	GlaxoSmithKline Biologicals SA	31/08/2011	4066857	22174932.8	

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1727905	Carlsberg A/S	09/03/2005	1727905	05706820.7	
1856188	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	07/03/2006	1856188	06742514.0	German
2092348	Diasys Technologies S.A.R.L.	14/11/2007	2092348	07822569.5	German
2180887	Egis Gyógyszergyár Zrt.	10/07/2008	2180887	08776249.8	
2199534	Baker Hughes Energy Technology UK Limited	19/11/2009	2199534	09176532.1	
2249193	Konica Minolta Opto, Inc.	20/02/2009	2249193	09715446.2	
2267937	N-Crypt Lab., Inc.	06/04/2009	2267937	09727376.7	
2314589	EURO-CELTIQUE S.A.	30/03/2005	2314589	10011793.6	
2344632	Bamdad, Cynthia Minerva Biotechnologies Corporation	09/10/2009	2344632	09820001.7	
2403233	Samsung Electronics Co., Ltd.	29/09/2009	2403233	11182727.5	
2439827	Rockwell Automation Technologies, Inc.	10/10/2011	2439827	11184530.1	
2440546	ABIVAX Centre National de la Recherche Scientifique (C.N.R.S.) Institut Curie UNIVERSITE DE MONTPELLIER	14/06/2010	2440546	10728369.9	
2477925	Kone Corporation	08/09/2010	2477925	10816745.3	
2503328	ARKRAY, Inc.	23/03/2012	2503328	12160935.8	
2542405	Eastman Performance Films LLC	28/02/2011	2542405	11751153.5	
2552514	DEKA Products Limited Partnership	30/03/2011	2552514	11719683.2	
2563462	RHODE ISLAND HOSPITAL	27/04/2011	2563462	11775539.7	

2573177	North Carolina State University UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	12/11/2008	2573177	12199188.9	
2613452	NEC Corporation	18/08/2011	2613452	11821630.8	
2623363	Volkswagen Aktiengesellschaft	16/01/2013	2623363	13151467.1	German
2664199	Samsung Electronics Co., Ltd.	11/01/2012	2664199	12733857.2	
2682601	Mitsubishi Heavy Industries, Ltd.	28/02/2011	2682601	11721218.3	
2686113	The Clorox Company	16/03/2012	2686113	12774118.9	
2720088	Canon Kabushiki Kaisha	06/06/2012	2720088	12797466.5	
2727052	Thales Dis France SAS	22/06/2012	2727052	12735234.2	French
2727631	Federal Express Corporation	29/08/2006	2727631	13194120.5	
2727632	Federal Express Corporation	29/08/2006	2727632	13194124.7	
2734875	LG Innotek Co., Ltd.	12/06/2012	2734875	12814589.3	
2737110	Hayward Industries, Inc.	30/07/2012	2737110	12820373.4	
2750835	Robert Bosch GmbH	31/08/2012	2750835	12783534.6	German
2766299	SOLVAY SA	02/10/2012	2766299	12766673.3	
2767309	HeartSine Technologies Limited	12/02/2014	2767309	14154810.7	
2770882	REHAU Industries SE & Co. KG	09/10/2012	2770882	12778620.0	German
2776516	SICPA HOLDING SA	06/11/2012	2776516	12780505.9	
2780783	Sentons Inc.	19/11/2012	2780783	12849599.1	
2787009	Cerestar Holding B.V.	12/11/2004	2787009	14163253.9	
2799132	IFP Energies nouvelles	26/03/2014	2799132	14305438.5	French
2816778	ORANGE	16/06/2014	2816778	14172575.4	French
2818205	Koken Ltd.	21/02/2013	2818205	13751763.7	
2818555	Ajinomoto Co., Inc.	07/10/2005	2818555	14182094.4	
2826386	Sweet Green Fields International Co., Limited	16/06/2010	2826386	14184562.8	
2829161	Brainlit AB	15/03/2013	2829161	13764722.8	
2850402	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	13/05/2013	2850402	13727278.7	French
2861162	W. L. Gore & Associates, Inc.	12/06/2013	2861162	13742063.4	
2861189	TriVascular, Inc.	31/05/2013	2861189	13733113.8	
2863696	Nippon Telegraph and Telephone Corporation	19/07/2013	2863696	13820179.3	
2870927	C.R. BARD, INC.	06/11/2014	2870927	14192136.1	
2871825	Xiaomi Inc.	15/08/2013	2871825	13829756.9	
2876479	Cairn Research Limited	18/09/2014	2876479	14185400.0	

2878209	Symrise AG	30/11/2013	2878209	13195215.2	German
2889781	Casio Computer Co., Ltd.	17/12/2014	2889781	14198487.2	
2892432	Trophy	15/03/2013	2892432	13732221.0	
2897340	iMinds Koninklijke KPN N.V. Ghent University	16/01/2015	2897340	15151373.6	
2905573	Helmut Fischer GmbH Institut für Elektronik und Messtechnik	23/01/2015	2905573	15152292.7	German
2915042	Google LLC	30/10/2013	2915042	13789937.3	
2917655	Gray, Martin E.	17/09/2013	2917655	13837965.6	
2918197	WMF GmbH	02/03/2015	2918197	15157119.7	German
2919842	Fisher & Paykel Healthcare Limited	15/11/2013	2919842	13854902.7	
2924479	ZKW Group GmbH	04/03/2015	2924479	15157564.4	German
2929124	Impact Selector International, LLC	26/06/2014	2929124	14744230.5	
2930276	Aqua Expert AB	23/03/2015	2930276	15160340.4	
2944230	Carrier Corporation	24/09/2012	2944230	15175394.4	
2947792	LG Electronics Inc.	16/01/2014	2947792	14740719.1	
2951250	Allnex Netherlands B.V.	28/01/2014	2951250	14704246.9	
2954392	Apple Inc.	06/02/2014	2954392	14707268.0	
2968201	Avery Dennison Corporation	13/03/2014	2968201	14719442.7	
2968749	Boston Scientific Medical Device Limited	04/03/2014	2968749	14779525.6	
2969446	Henkel IP & Holding GmbH	21/02/2014	2969446	14731773.9	
2970710	PPG Industries Ohio, Inc.	13/01/2014	2970710	14702378.2	
2974495	Northrop Grumman Systems Corporation	14/03/2014	2974495	14724854.6	
2975385	Hitachi Astemo, Ltd.	14/01/2014	2975385	14764983.4	
2975606	BOE Technology Group Co., Ltd. Beijing BOE Display Technology Co., Ltd.	10/05/2013	2975606	13859608.5	
2981099	Sivantos Pte. Ltd.	29/07/2015	2981099	15178938.5	German
2981414	Trinseo Europe GmbH	02/04/2014	2981414	14780102.1	
2983026	LG Innotek Co., Ltd.	04/08/2015	2983026	15179612.5	
2985615	FUJITSU LIMITED	30/07/2015	2985615	15179023.5	
2987162	Cirrus Logic, Inc.	28/02/2014	2987162	14711079.5	
2991576	SONENDO, INC.	01/05/2014	2991576	14733409.8	
2992166	Ameriforge Group Inc.	01/05/2014	2992166	14791006.1	

2992176	Shell Internationale Research Maatschappij B.V.	28/04/2014	2992176	14719775.0	
2992848	Erbe Elektromedizin GmbH	05/09/2014	2992848	14183771.6	German
2997427	Wago Verwaltungsgesellschaft mbH	15/05/2014	2997427	14724725.8	German
3004160	CSL Limited	05/06/2014	3004160	14808213.4	
3004554	Safran Ceramics Safran Aircraft Engines	26/05/2014	3004554	14731728.3	French
3004868	VAISALA OYJ	27/05/2014	3004868	14805060.2	
3005237	Siemens Industry Software Inc.	23/05/2014	3005237	14804913.3	
3007649	The United States of America, as represented by The Secretary, Department of Health and Human Services	03/06/2014	3007649	14735030.0	
3007823	BASF SE	13/06/2014	3007823	14729683.4	
3011352	Duracell U.S. Operations, Inc.	18/06/2014	3011352	14813210.3	
3011750	Samsung Electronics Co., Ltd.	24/06/2014	3011750	14818369.2	
3013629	TOYOTA JIDOSHA KABUSHIKI KAISHA	20/06/2014	3013629	14747115.5	
3020714	Hinova Pharmaceuticals Inc.	27/05/2014	3020714	14805136.0	
3020774	3M Innovative Properties Company	14/11/2014	3020774	14193229.3	
3021582	Cisco Technology, Inc.	06/11/2015	3021582	15193478.3	
3022296	Wisconsin Alumni Research Foundation	15/07/2014	3022296	14745060.5	
3028772	SAMSUNG MEDISON CO., LTD.	05/11/2015	3028772	15193197.9	
3031542	Simat SRL	17/11/2010	3031542	15201261.3	
3033376	Dow Global Technologies LLC	15/08/2014	3033376	14755556.9	
3035690	Saturn Licensing LLC	11/07/2014	3035690	14836904.4	
3048303	Daikin Industries, Ltd.	12/08/2014	3048303	14845988.6	
3050659	Liebherr-Verzahntechnik GmbH	18/11/2015	3050659	15195123.3	German
3057511	Adagio Medical, Inc.	12/10/2014	3057511	14854355.6	
3063930	Dolby Laboratories Licensing Corporation	30/10/2014	3063930	14805998.3	French
3071726	Entegris, Inc.	21/11/2014	3071726	14821909.0	
3086368	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	18/04/2016	3086368	16165837.2	French
3087669	ABB Schweiz AG	09/05/2014	3087669	14723075.9	
3091029	F. Hoffmann-La Roche AG	30/10/2012	3091029	16169916.0	

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3091301	Naber Holding GmbH & Co. KG	01/12/2015	3091301	15197190.0	German
3092205	SAINT-GOBAIN PLACO	08/01/2015	3092205	15702387.0	
3092800	Dolby Laboratories Licensing Corporation	06/01/2015	3092800	15700935.8	
3093097	Raytheon Technologies Corporation	10/05/2016	3093097	16169056.5	
3095265	Pirrwitz, Bjoern Vantaggiato, Daniele	14/01/2015	3095265	15700385.6	
3098147	SKS metaplast Scheffer-Klute GmbH	06/05/2016	3098147	16168612.6	German
3098441	Siemens Gamesa Renewable Energy A/S	27/05/2015	3098441	15169430.4	
3108890	Yamamoto, Hirofumi Mori, Masaki	20/02/2015	3108890	15751754.1	
3109686	JVC Kenwood Corporation	28/10/2014	3109686	14883402.1	
3116015	TE Connectivity Germany GmbH	08/07/2016	3116015	16178664.5	
3116301	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)	10/03/2015	3116301	15761575.8	
3120433	ABB Schweiz AG	19/03/2015	3120433	15715030.1	
3121351	STO SE & Co. KGaA	22/07/2015	3121351	15177923.8	German
3127822	Astroscale Japan Inc.	02/04/2015	3127822	15773071.4	
3132233	Dieterich Standard, Inc.	06/04/2015	3132233	15716699.2	
3133123	UNITIKA LTD.	13/04/2015	3133123	15780540.9	
3137269	INTERNATIONAL WHEEL AND TIRE, INC.	28/04/2015	3137269	15785691.5	
3137592	Rosemount Inc.	29/04/2015	3137592	15786477.8	
3137723	Schlumberger Technology B.V.	01/05/2015	3137723	15726243.7	
3139349	Swiss Timing Ltd.	03/09/2015	3139349	15183712.7	French
3139867	LDR Medical	06/05/2015	3139867	15724950.9	
3142341	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	13/11/2015	3142341	15891688.2	
3142546	The Regents of the University of California	15/05/2015	3142546	15792464.8	
3143925	Sofradim Production	18/09/2015	3143925	15306462.1	
3144779	Samsung Electronics Co., Ltd.	07/09/2016	3144779	16187657.8	
3145698	ZORTRAX SPOLKA AKCYJNA	23/06/2014	3145698	14738915.9	

3147043	Sumitomo Heavy Industries, Ltd.	20/05/2015	3147043	15795621.0	
3147371	Nanoentek Inc.	22/05/2015	3147371	15795399.3	
3150133	Ethicon LLC	30/09/2016	3150133	16191652.3	
3152749	Assa Abloy Limited	10/06/2015	3152749	15731391.7	
3153242	Deutsche Post AG	21/09/2016	3153242	16189927.3	German
3154410	SR Labs S.R.L.	12/06/2015	3154410	15753167.4	
3158427	Robert Bosch GmbH	19/06/2015	3158427	15809779.0	
3161919	Societa' Elettrica S.r.l. Marangoni, Euro	29/06/2015	3161919	15753761.4	
3162652	Dellner Couplers AB	30/10/2015	3162652	15003106.0	
3164079	Koninklijke Philips N.V.	01/07/2015	3164079	15750456.4	
3170482	Kimberly-Clark Worldwide, Inc.	12/10/2011	3170482	16202393.1	
3171888	Merck Sharp & Dohme LLC	16/07/2015	3171888	15824392.3	
3174930	Colgate-Palmolive Company	19/08/2014	3174930	14766020.3	
3180705	Masergy Communications, Inc.	14/08/2015	3180705	15831930.1	
3182996	Celgene Corporation	20/08/2015	3182996	15757389.0	
3184264	Robotools S.r.l.	28/11/2016	3184264	16200874.2	
3185612	Datang Mobile Communications Equipment Co., Ltd.	10/08/2015	3185612	15834537.1	
3190932	iuvas medical GmbH	14/09/2015	3190932	15787439.7	German
3191887	Google LLC	08/09/2015	3191887	15839810.7	
3193024	Hitachi Construction Machinery Co., Ltd.	14/04/2015	3193024	15839308.2	
3197830	CLAP Co., Ltd.	22/09/2015	3197830	15766506.8	
3198335	Gentex Corporation	23/09/2015	3198335	15845302.7	
3201122	InvenSense, Inc.	01/10/2015	3201122	15846584.9	
3202031	Short Circuit Technologies LLC	03/10/2015	3202031	15847592.1	
3202356	Biosense Webster (Israel) Ltd.	24/01/2017	3202356	17152826.8	
3210330	Qualcomm Incorporated	30/09/2015	3210330	15781005.2	
3212199	Fresenius Medical Care Deutschland GmbH	28/10/2015	3212199	15785146.0	
3213733	Volker, Runkel	02/03/2017	3213733	17000324.8	German
3214867	NEC Corporation	05/01/2011	3214867	17151507.5	
3215329	Toncelli, Luca	03/11/2015	3215329	15816516.7	
3217277	Canon Kabushiki Kaisha	07/03/2017	3217277	17159711.5	
3218396	Regeneron Pharmaceuticals, Inc.	13/11/2015	3218396	15802270.7	
3219223	Kabushiki Kaisha Topcon	21/12/2015	3219223	15201778.6	

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3220997	L'Oréal	13/11/2015	3220997	15816258.6	
3228083	ORANGE	26/11/2015	3228083	15808747.8	French
3236352	AVEVA Software, LLC	20/04/2017	3236352	17167428.6	
3236357	Hamilton Sundstrand Corporation	11/04/2017	3236357	17166120.0	
3245104	Harman International Industries, Incorporated	11/01/2016	3245104	16705860.1	
3245678	Apple Inc.	08/01/2016	3245678	16701567.6	
3246222	ALSTOM Holdings Mitsubishi Electric Corporation	12/01/2016	3246222	16737322.4	
3253229	Novamont S.p.A.	05/02/2016	3253229	16709978.7	
3254372	Otis Elevator Company	03/02/2016	3254372	16708001.9	
3255180	Nippon Steel Corporation	08/02/2016	3255180	16746740.6	
3257667	Raytheon Technologies Corporation	13/06/2017	3257667	17175775.0	
3259509	Oetiker NY, Inc.	09/02/2016	3259509	16752810.8	
3259621	Board of Regents, The University of Texas System	22/02/2016	3259621	16753230.8	
3260865	Priavoid GmbH	05/04/2013	3260865	17172222.6	German
3264144	Huawei Technologies Co., Ltd.	24/07/2015	3264144	15899153.9	
3265224	Graver Technologies, LLC	24/02/2016	3265224	16759281.5	
3265353	Jaguar Land Rover Limited	18/02/2016	3265353	16704854.5	
3265354	Jaguar Land Rover Limited	18/02/2016	3265354	16704855.2	
3265866	Magic Leap, Inc.	05/03/2016	3265866	16759643.6	
3270015	Nippon Pillar Packing Co., Ltd.	19/02/2016	3270015	16761457.7	
3270506	Shindengen Electric MFG. Co., Ltd.	09/03/2015	3270506	15884532.1	
3272206	NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION	14/10/2015	3272206	15885550.2	
3274758	EverySight Ltd.	25/02/2016	3274758	16754860.1	
3275362	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	28/07/2016	3275362	16181681.4	German
3277426	Global Life Sciences Solutions Operations UK Ltd	23/03/2016	3277426	16711310.9	
3277743	The Regents of The University of Michigan	01/04/2016	3277743	16774354.1	
3280167	Datang Mobile Communications Equipment Co., Ltd.	22/03/2016	3280167	16771297.5	
3282207	Cordivari S.r.l.	04/08/2017	3282207	17184833.6	
3282858	Alitalia S.r.l.	15/04/2016	3282858	16726943.0	

3283586	Allnex Netherlands B.V.	18/04/2016	3283586	16721661.3	
3284251	Disguise Technologies Limited	14/04/2016	3284251	16717692.4	
3286606	FujiFilm Electronic Materials USA, Inc.	19/04/2016	3286606	16783682.4	
3286801	InterDigital Madison Patent Holdings, SAS	17/09/2015	3286801	15890143.9	
3287837	Sony Interactive Entertainment Inc.	27/01/2016	3287837	17181355.3	
3288473	K2M, Inc.	01/10/2015	3288473	15891011.7	
3288553	Scisparc Ltd	19/04/2016	3288553	16786064.2	
3291979	Burkhalter, John, Charles	04/03/2016	3291979	16759561.0	
3294881	Novozymes A/S	09/05/2016	3294881	16721426.1	
3296539	IHI Corporation	11/05/2016	3296539	16792729.2	
3296622	Ichikoh Industries, Ltd.	13/05/2016	3296622	16792802.7	
3297492	Reboul S.A.S.	13/05/2016	3297492	16733135.4	French
3298091	Rohm and Haas Company	19/05/2015	3298091	15892171.8	
3299633	Robert Bosch GmbH	26/09/2016	3299633	16190681.3	
3299933	Samsung Electronics Co., Ltd.	20/09/2017	3299933	17192241.2	
3302712	Croda International PLC	08/06/2016	3302712	16730462.5	
3303415	Alcon Inc.	31/05/2016	3303415	16730907.9	
3303767	Baker Hughes Holdings LLC	31/05/2016	3303767	16804232.3	
3307413	Rush University Medical Center	14/06/2016	3307413	16812225.7	
3307513	Windmüller & Hölscher KG	06/06/2016	3307513	16731817.9	German
3308133	Biotage AB	10/06/2016	3308133	16732513.3	
3309191	JFE Chemical Corporation	28/07/2016	3309191	16834802.7	
3309769	Hitachi Construction Machinery Co., Ltd.	13/06/2016	3309769	16807644.6	
3310593	WESTFALIA - Automotive GmbH	16/06/2016	3310593	16729583.1	German
3314491	Opasca GmbH	16/06/2016	3314491	16759967.9	German
3316143	Imagination Technologies Limited	31/10/2017	3316143	17199467.6	
3317361	ExxonMobil Chemical Patents Inc.	02/06/2016	3317361	16818427.3	
3318446	TOYOTA JIDOSHA KABUSHIKI KAISHA	11/10/2017	3318446	17196015.6	
3318580	Kuraray Co., Ltd.	24/06/2016	3318580	16817460.5	
3320168	Fraba B.V.	28/04/2016	3320168	16723948.2	German
3321306	LG Chem, Ltd.	20/04/2016	3321306	16822879.9	
3321364	Noroo IC Co., Ltd. Noroo R&C Co., Ltd.	13/06/2016	3321364	16807879.8	
3321818	Mitsubishi Electric Corporation	10/07/2015	3321818	15898202.5	

3322241	Huawei Technologies Co., Ltd.	14/08/2015	3322241	15901249.1	
3322383	Edwards Lifesciences Corporation	14/07/2016	3322383	16825207.0	
3322933	CoeLux S.r.l.	19/11/2015	3322933	15816660.3	
3323646	SAF-HOLLAND GmbH	11/10/2017	3323646	17195855.6	German
3323988	General Electric Company	09/11/2017	3323988	17200754.4	
3324821	Boston Scientific Scimed, Inc.	21/11/2016	3324821	16816038.0	
3325229	CMR Surgical Limited	22/07/2016	3325229	16744493.4	
3326850	Liebherr-Transportation Systems GmbH & Co. KG	07/11/2017	3326850	17200287.5	German
3329091	Geoquest Systems B.V.	27/07/2016	3329091	16831257.7	
3329636	Jacobs University Bremen GmbH	26/07/2016	3329636	16766470.5	German
3329702	AIRBUS DS SAS	25/07/2016	3329702	16744360.5	French
3329743	Tridonic GmbH & Co. KG Tridonic Jennersdorf GmbH	30/07/2015	3329743	15899316.2	
3329816	Sammic, S.L.	22/07/2016	3329816	16832363.2	
3330038	Raytheon Technologies Corporation	27/11/2017	3330038	17203892.9	
3334029	Mitsubishi Electric Corporation	04/08/2015	3334029	15900394.6	
3336047	Jungheinrich Aktiengesellschaft	09/11/2017	3336047	17200740.3	German
3336048	Jungheinrich Aktiengesellschaft	09/11/2017	3336048	17200741.1	German
3336773	EM Microelectronic-Marin SA	07/11/2017	3336773	17200377.4	
3338000	Liberty Vehicle Technologies Limited	19/08/2016	3338000	16756768.4	
3338677	Ethicon LLC	21/12/2017	3338677	17209425.2	
3339490	Whirlpool EMEA S.p.A.	22/12/2016	3339490	16206424.0	
3340992	The Board of Regents of the University of Texas System	05/09/2016	3340992	16843173.2	
3342108	Cisco Technology, Inc.	24/08/2016	3342108	16760619.3	
3343443	Accenture Global Solutions Limited	19/10/2017	3343443	17197411.6	
3344096	Quooker International B.V.	01/09/2016	3344096	16775874.7	
3345417	Thales Dis France SAS	05/07/2016	3345417	16736089.0	
3346496	BOE Technology Group Co., Ltd.	22/01/2016	3346496	16826692.2	
3346963	Essity Hygiene and Health Aktiebolag	09/09/2015	3346963	15903703.5	

3349734	Université de Lille Centre National de la Recherche Scientifique - CNRS INSERM - Institut National de la Santé et de la Recherche Médicale Centre Hospitalier Régional et Universitaire de Lille (CHRU)	13/09/2016	3349734	16774536.3	French
3350156	Ecolab USA Inc.	16/09/2016	3350156	16847386.6	
3351199	Biosense Webster (Israel) Ltd.	28/12/2011	3351199	18161063.5	
3352249	Robert Bosch GmbH GS Yuasa International Ltd.	19/01/2017	3352249	17152144.6	
3352829	ResMed Pty Ltd	23/09/2016	3352829	16847655.4	
3352980	WestRock Shared Services, LLC	13/09/2016	3352980	16775386.2	
3353527	Malvern Panalytical Limited	09/09/2016	3353527	16766597.5	
3353612	SCHUNK Electronic Solutions GmbH	19/09/2016	3353612	16766969.6	German
3355363	CSI Cells Co. Ltd.	28/03/2016	3355363	16816964.7	
3355378	Novald GmbH	30/01/2017	3355378	17153811.9	
3358762	Sony Group Corporation	21/09/2016	3358762	16851326.5	
3359918	Google LLC	04/01/2017	3359918	17701203.6	
3362997	Witte Automotive GmbH	23/11/2016	3362997	16801186.4	German
3366030	Microsoft Technology Licensing, LLC	12/10/2016	3366030	16785315.9	
3366506	MAN Truck & Bus SE	02/02/2018	3366506	18154942.9	German
3367982	Doheny Eye Institute	26/10/2016	3367982	16860729.9	
3368370	Bayerische Motoren Werke Aktiengesellschaft	14/10/2016	3368370	16782051.3	German
3368871	Sensirion AG	26/11/2015	3368871	15812935.3	
3369297	Henkel AG & Co. KGaA	27/10/2015	3369297	15906909.5	
3370832	Laboratoires M & L	02/11/2016	3370832	16804829.6	French
3371668	Zoox, Inc.	02/11/2016	3371668	16804949.2	
3372843	MAICO Elektroapparate-Fabrik GmbH	06/03/2018	3372843	18160224.4	German
3373293	Alibaba Group Holding Limited	28/10/2016	3373293	16861490.7	
3373703	B/E Aerospace, Inc.	21/02/2018	3373703	18157824.6	
3373761	Fraser, Neil Richard	06/11/2016	3373761	16864810.3	
3375232	Sony Group Corporation	09/11/2016	3375232	16793884.4	
3376985	Boston Scientific Scimed Inc.	18/11/2016	3376985	16816031.5	
3377165	Boston Scientific Scimed, Inc.	17/11/2016	3377165	16805665.3	
3377236	CL Schutzrechtsverwaltungs GmbH	10/11/2016	3377236	16800899.3	German

3380513	Immunocore Limited Adaptimmune Limited	23/11/2016	3380513	16805186.0	
3380604	GlaxoSmithKline Intellectual Property Development Limited	21/11/2016	3380604	16798512.6	
3381038	Thales Dis France SAS	25/11/2016	3381038	16801256.5	
3381046	Entegris, Inc.	22/11/2016	3381046	16869167.3	
3381994	DIC Corporation	22/11/2016	3381994	16868535.2	
3384329	Eastman Chemical Company	22/04/2016	3384329	16723195.0	
3384655	Cernoch, Dan Pondicherry, Ajay Refsland, David Ives-Halperin, Kenneth	02/12/2016	3384655	16816108.1	
3385651	Maag Gala, Inc.	05/10/2017	3385651	18173985.5	
3386360	ADIAMAS	08/12/2016	3386360	16819999.0	French
3390355	Helsinn Healthcare S.A.	21/02/2017	3390355	17707787.2	
3391606	Samsung Electronics Co., Ltd.	26/01/2017	3391606	17744578.0	
3393907	Airbus Operations GmbH	01/09/2016	3393907	16763481.5	
3395302	Cook Medical Technologies LLC	26/04/2018	3395302	18275058.8	
3396155	Siemens Gamesa Renewable Energy Service GmbH	27/04/2018	3396155	18169780.6	German
3396338	NXP B.V.	20/03/2018	3396338	18162925.4	
3397607	SABIC Global Technologies B.V.	28/12/2016	3397607	16829439.5	
3398759	The Boeing Company	02/05/2018	3398759	18170338.0	
3399034	Siemens Healthcare Diagnostics Inc.	05/05/2017	3399034	17169666.9	
3400116	Globe Food Equipment Company	06/02/2017	3400116	17851203.4	
3400608	Kla-Tencor Corporation	05/01/2017	3400608	17736363.7	
3401776	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	15/06/2017	3401776	17812750.2	
3401891	Deutsche Telekom AG	09/05/2017	3401891	17170224.4	German
3403315	ADVANCED ELECTRIC MACHINES GROUP LIMITED	10/01/2017	3403315	17700719.2	
3403694	Siemens Healthineers International AG	14/03/2014	3403694	18179560.0	
3403848	TOYOTA JIDOSHA KABUSHIKI KAISHA	10/04/2018	3403848	18166597.7	
3404887	Nokia Technologies Oy	16/05/2017	3404887	17171372.0	

3405024	The State of Israel - Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)	19/01/2017	3405024	17741188.1	
3406614	Shanghai Hanmai Bio-Pharma Co., LTD.	26/01/2017	3406614	17746954.1	
3408353	Trifol Resources Limited	30/03/2017	3408353	17715993.6	
3408532	Wobben Properties GmbH	26/01/2017	3408532	17702577.2	German
3409208	Samsung Medison Co., Ltd.	07/03/2016	3409208	16888256.1	
3409392	Feintool International Holding AG	30/05/2017	3409392	17000913.8	German
3410283	Samsung Electronics Co., Ltd.	19/01/2017	3410283	17744510.3	
3413052	F. Hoffmann-La Roche AG	26/03/2014	3413052	18165873.3	
3416612	Symrise AG	15/02/2016	3416612	16707654.6	German
3417671	Telefonaktiebolaget LM Ericsson (publ)	19/02/2016	3417671	16710841.4	
3418952	Lincoln Global, Inc.	20/06/2018	3418952	18178751.6	
3419330	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12/04/2016	3419330	16898201.5	
3421377	Korea Aerospace Research Institute	26/06/2018	3421377	18179833.1	
3422702	Sony Group Corporation	08/02/2017	3422702	17756197.4	
3423137	Inovytec Medical Solutions Ltd.	27/02/2017	3423137	17759377.9	
3423462	Corteva Agriscience LLC	28/02/2017	3423462	17760582.1	
3424731	Bundesdruckerei GmbH	02/07/2018	3424731	18181085.4	German
3425203	Sulzer Management AG	25/05/2018	3425203	18174411.1	
3425676	STMicroelectronics S.r.l.	05/07/2018	3425676	18181848.5	
3426007	Herbach, Burkhard	09/07/2018	3426007	18182482.2	German
3426221	Materni	23/10/2015	3426221	15813240.7	
3426412	Ecolab USA Inc.	10/03/2017	3426412	17764213.9	
3426766	Yissum Research and Development Company of the Hebrew University of Jerusalem Ltd.	08/03/2017	3426766	17714913.5	
3427644	ASAHI KASEI KABUSHIKI KAISHA	12/07/2018	3427644	18183104.1	
3427727	BioActive Food GmbH	14/07/2017	3427727	17181566.5	German
3428777	Huawei Technologies Co., Ltd.	08/04/2016	3428777	16897597.7	
3429253	Sony Group Corporation	28/08/2015	3429253	18193247.6	
3430000	Afferent Pharmaceuticals Inc.	09/03/2017	3430000	17767179.9	
3430325	Weiss Technik GmbH	13/03/2017	3430325	17716133.8	German

3430653	Vitesco Technologies GmbH	27/02/2017	3430653	17707319.4	German
3431185	Raytheon Technologies Corporation	23/07/2018	3431185	18185074.4	
3432168	EMC IP Holding Company LLC	20/07/2018	3432168	18184842.5	
3433103	Hewlett-Packard Development Company, L.P.	12/07/2016	3433103	16751174.0	
3434168	Vestel Elektronik Sanayi ve Ticaret A.S.	27/07/2017	3434168	17183487.2	
3435501	ALSTOM Transport Technologies	24/07/2018	3435501	18185188.2	German
3439129	GreenCom Networks AG	09/07/2018	3439129	18182444.2	German
3440697	Microchip Technology Incorporated	07/04/2017	3440697	17719767.0	
3441139	LG Chem, Ltd.	12/04/2018	3441139	18784965.8	
3441718	Yamaha Hatsudoki Kabushiki Kaisha	06/04/2017	3441718	17779222.3	
3442123	NXP USA, Inc.	30/07/2018	3442123	18186255.8	
3442146	NXP B.V.	11/08/2017	3442146	17186056.2	
3442756	Marquette University	14/04/2017	3442756	17783201.1	
3443247	Kilter AS	07/04/2017	3443247	17730958.0	
3443879	LG Electronics Inc.	13/04/2017	3443879	17782680.7	
3443919	Varian Medical Systems, Inc.	02/03/2012	3443919	18178649.2	
3444219	KOBELCO CONSTRUCTION MACHINERY CO., LTD.	06/08/2018	3444219	18187550.1	
3445082	SK Telecom Co., Ltd.	06/03/2017	3445082	17851050.9	
3445286	DECO MED SRL	21/04/2017	3445286	17734148.4	
3445530	Mikron Switzerland AG, Zweigniederlassung Agno, Machining	18/04/2016	3445530	16726946.3	
3445579	DuPont Safety & Construction, Inc.	16/05/2016	3445579	16738235.7	
3445773	4D Molecular Therapeutics Inc.	12/05/2017	3445773	17797002.7	
3445951	BorgWarner Inc.	12/04/2017	3445951	17719451.1	
3447112	Ecolab USA Inc.	13/09/2007	3447112	18197273.8	
3447138	University of Tsukuba	19/04/2017	3447138	17786002.0	
3448637	The Gillette Company LLC	24/05/2017	3448637	17728021.1	
3448658	Hewlett-Packard Development Company, L.P.	28/04/2016	3448658	16900701.0	
3450023	Schenck Process Europe GmbH	30/06/2018	3450023	18181045.8	
3452687	Schlumberger Technology B.V.	28/04/2017	3452687	17793038.5	
3453663	Tencent Technology (Shenzhen) Company Limited	04/05/2017	3453663	17792492.5	

3454258	Tencent Technology (Shenzhen) Company Limited	02/08/2017	3454258	17845133.2	
3454543	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12/05/2017	3454543	17833303.5	
3455874	The Board of Trustees of the University of Illinois Globalwafers Co., Ltd.	28/04/2017	3455874	17722645.3	
3456067	Harman International Industries, Incorporated	09/05/2016	3456067	16901219.2	
3456219	Hydrapak LLC	06/03/2013	3456219	18186457.0	
3457994	Cabot, Jonathan Peter	19/05/2017	3457994	17798407.7	
3458442	Corteva Agriscience LLC	19/05/2017	3458442	17800225.9	
3458586	Accuragen Holdings Limited	16/05/2017	3458586	17800050.1	
3458633	Georgia Tech Research Corporation	15/05/2017	3458633	17799954.7	
3459488	Intuitive Surgical Operations, Inc.	03/09/2015	3459488	18204688.8	
3459893	Otis Elevator Company	24/09/2018	3459893	18196309.1	
3461532	Boston Scientific Neuromodulation Corporation	14/09/2015	3461532	18201843.2	
3464066	JT Drone Technologies S.r.l.	23/05/2017	3464066	17728268.8	
3464277	Amgen Inc.	23/05/2017	3464277	17730293.2	
3464401	BASF SE	24/05/2017	3464401	17729793.4	
3466179	QUALCOMM Incorporated	05/06/2017	3466179	17730021.7	
3466280	Cj Cheiljedang Corporation	26/05/2017	3466280	17803122.5	
3466643	Zhejiang Lingge Wood Co., Ltd	15/06/2018	3466643	18177935.6	
3466885	M. Technique Co., Ltd.	02/06/2017	3466885	17806855.7	
3466943	Arramax Pharmatech Co., Ltd.	04/05/2017	3466943	17833292.0	
3467701	Honor Device Co., Ltd.	27/05/2016	3467701	16902744.8	
3467895	Toppan Printing Co., Ltd.	31/05/2017	3467895	17806735.1	
3469067	DSM IP Assets B.V.	13/06/2017	3469067	17732052.0	
3469355	Vaisala, OYJ	18/08/2017	3469355	17761912.9	
3469987	Strength Master Fitness Tech. Co., Ltd.	13/10/2017	3469987	17196360.6	
3471076	LG Electronics Inc.	19/09/2018	3471076	18195453.8	
3472264	Deltavalve, LLC	15/08/2016	3472264	16905670.2	
3472481	thyssenkrupp Dynamic Components TecCenter AG thyssenkrupp AG	16/06/2017	3472481	17730780.8	German

3473287	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	11/10/2018	3473287	18199807.1	French
3473350	General Electric Company	15/10/2018	3473350	18200526.4	
3473566	Eisenmann GmbH	19/10/2018	3473566	18201549.5	German
3473968	Phoenixdarts Co., Ltd.	29/12/2017	3473968	17211057.9	
3473969	Phoenixdarts Co., Ltd.	29/12/2017	3473969	17211067.8	
3474945	Cardiac Pacemakers, Inc.	26/06/2017	3474945	17737146.5	
3475263	Rigel Pharmaceuticals, Inc.	26/06/2017	3475263	17735747.2	
3476238	NIKE Innovate C.V.	26/02/2008	3476238	18211880.2	
3476536	Ebara Corporation	23/10/2018	3476536	18202150.1	
3477622	Kunshan New Flat Panel Display Technology Center Co., Ltd. Kunshan Go-Visionox Opto-Electronics Co., Ltd.	19/09/2017	3477622	17854726.1	
3477680	Gatan, Inc.	26/10/2018	3477680	18202746.6	
3478001	Datang Mobile Communications Equipment Co., Ltd.	10/04/2017	3478001	17814473.9	
3478150	Bio-Medical Engineering (HK) Limited	08/05/2018	3478150	18759231.6	
3478254	Dow Brasil Sudeste Industrial Ltda.	29/06/2017	3478254	17739183.6	
3478630	Robert Bosch GmbH	27/06/2017	3478630	17735066.7	
3479148	ConocoPhillips Company	21/10/2016	3479148	16858349.0	
3479444	IPG Photonics Corporation	30/06/2017	3479444	17821331.0	
3479762	Microjet Technology Co., Ltd	18/10/2018	3479762	18201151.0	
3480058	STANLEY ELECTRIC CO., LTD.	17/10/2018	3480058	18200861.5	
3480429	Raytheon Technologies Corporation	02/11/2018	3480429	18204095.6	
3480611	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	25/08/2017	3480611	17913116.4	
3481497	Boston Scientific Neuromodulation Corporation	06/09/2017	3481497	17768601.1	
3482879	Far Group Europe	08/11/2018	3482879	18205101.1	French
3482889	FIPA Holding GmbH	02/11/2018	3482889	18204053.5	German
3482918	Nordex Energy SE & Co. KG	09/11/2017	3482918	17200877.3	German
3483068	Goodrich Corporation	08/11/2018	3483068	18205118.5	
3483589	Infineon Technologies AG	23/10/2018	3483589	18202100.6	

3483735	Labrador Diagnostics LLC	25/09/2012	3483735	18192579.3	
3485104	Paneltim N V	14/07/2017	3485104	17737293.5	
3485146	General Electric Company	30/06/2017	3485146	17837915.2	
3485783	BSH Hausgeräte GmbH	29/10/2018	3485783	18203154.2	German
3486027	SYNOVA S.A.	21/11/2017	3486027	17202865.6	
3486103	Yapp Automotive Systems Co., Ltd.	16/02/2017	3486103	17826766.2	
3487473	BASF SE	11/05/2017	3487473	17725201.2	German
3488968	Steinemann Technology AG	08/12/2016	3488968	19151895.0	German
3489135	Hamilton Sundstrand Corporation	19/11/2018	3489135	18207069.8	
3489532	Hamilton Sundstrand Corporation	20/11/2018	3489532	18207233.0	
3490272	Sivantos Pte. Ltd.	02/11/2018	3490272	18204016.2	German
3490460	GPMD APS	28/07/2017	3490460	17833621.0	
3491460	Verily Life Sciences LLC	30/06/2017	3491460	17745546.6	
3491990	Toshiba Lifestyle Products & Services Corporation	26/07/2017	3491990	17834417.2	
3492819	Bruckbauer, Wilhelm	22/11/2018	3492819	18207792.5	German
3493188	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	16/02/2017	3493188	17761174.6	
3493342	Rockwell Automation Technologies, Inc.	27/11/2018	3493342	18208597.7	
3493655	Harman International Industries, Incorporated	29/11/2018	3493655	18209321.1	
3493959	United States Gypsum Company	04/08/2017	3493959	17769136.7	
3494467	Nagravision Sàrl	03/08/2017	3494467	17745363.6	
3495178	Ford Global Technologies, LLC	15/10/2018	3495178	18200331.9	
3496319	LG Electronics Inc.	31/07/2017	3496319	17839711.3	
3497268	PRC-Desoto International, Inc.	14/08/2017	3497268	17758687.2	
3499910	Vestel Elektronik Sanayi ve Ticaret A.S.	14/12/2017	3499910	17207463.5	
3500411	Robert Bosch GmbH	10/08/2017	3500411	17751387.6	German
3500415	Plastipak Packaging, Inc.	16/08/2017	3500415	17842041.0	
3500715	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Bamberg	10/08/2017	3500715	17761022.7	German
3501124	QUALCOMM Incorporated	26/07/2017	3501124	17751522.8	
3501757	The Stanley Works Israel Ltd.	16/11/2018	3501757	18206799.1	

3502889	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	19/11/2018	3502889	18206899.9	
3506082	Nokia Technologies Oy	27/12/2017	3506082	17210633.8	
3506967	F. Hoffmann-La Roche AG	24/08/2017	3506967	17754184.4	
3507300	James Cook University	04/09/2017	3507300	17844710.8	
3507403	Advitex GmbH	28/08/2017	3507403	17771667.7	German
3507606	Hamilton Storage GmbH	03/08/2017	3507606	17754114.1	German
3507864	Wafer LLC	01/09/2017	3507864	17847661.0	
3509651	Mayo Foundation for Medical Education and Research Miromatrix Medical Inc.	06/09/2017	3509651	17768594.8	
3509893	innogy Innovation GmbH	12/09/2016	3509893	16763520.0	
3511392	AGC INC.	05/09/2017	3511392	17848756.7	
3511422	Population Bio, Inc.	10/11/2014	3511422	18198701.7	
3511695	Weiss Technik GmbH	01/11/2016	3511695	19156106.7	German
3513708	Dexcom, Inc.	01/09/2006	3513708	18204725.8	
3514615	Samsung Display Co., Ltd	23/01/2019	3514615	19153352.0	
3515065	CANON KABUSHIKI KAISHA	10/01/2019	3515065	19151079.1	
3515110	Telefonaktiebolaget LM Ericsson (publ)	22/06/2016	3515110	19159685.7	
3515224	Fidlock GmbH	21/09/2017	3515224	17783730.9	German
3515287	Verily Life Sciences LLC	25/08/2017	3515287	17765297.1	
3516895	Huawei Technologies Co., Ltd.	13/10/2016	3516895	16784156.8	
3516928	Illinois Tool Works Inc.	26/09/2017	3516928	17780965.4	
3517099	TARIS Biomedical LLC	26/06/2015	3517099	19158984.5	
3517168	Biosense Webster (Israel) Ltd.	06/03/2018	3517168	19164729.6	
3517326	NEXION S.p.A.	11/09/2015	3517326	19155262.9	
3517987	Samsung Electronics Co., Ltd.	21/11/2018	3517987	18207530.9	
3518100	Huawei Technologies Co., Ltd.	17/10/2017	3518100	17862572.9	
3518591	Huawei Technologies Co., Ltd.	04/05/2018	3518591	18795259.3	
3518710	Koninklijke Philips N.V.	27/09/2017	3518710	17771475.5	
3519062	Bauer Hockey Ltd.	28/09/2017	3519062	17781332.6	
3519178	3M Innovative Properties Company	25/09/2017	3519178	17857246.7	
3519701	HYDAC Systems & Services GmbH	31/08/2017	3519701	17765078.5	German
3520607	Guangdong Boyu Group Co., Ltd	04/02/2019	3520607	19155355.1	
3520979	SABIC Global Technologies B.V.	01/02/2018	3520979	18154761.3	

3521560	Schwäbische Hüttenwerke Automotive GmbH	12/04/2016	3521560	19162589.6	German
3521678	Nippon Pillar Packing Co., Ltd.	15/06/2017	3521678	17858018.9	
3521679	Nippon Pillar Packing Co., Ltd.	15/06/2017	3521679	17858019.7	
3521951	Omron Corporation	16/08/2017	3521951	17855463.0	
3522065	Banks and Acquirers International Holding	04/02/2019	3522065	19155254.6	French
3522227	Samsung Electronics Co., Ltd.	06/02/2019	3522227	19155806.3	
3522521	Nikon Corporation	11/05/2012	3522521	19164302.2	
3523541	TMK Energiakoura Oy	05/10/2017	3523541	17857897.7	
3526789	Harman International Industries, Incorporated	16/10/2017	3526789	17862881.4	
3526854	Lumentum Operations LLC	17/10/2017	3526854	17862969.7	
3529461	The Secretary of State for Defence	18/10/2017	3529461	17790802.7	
3532016	The Procter & Gamble Company	13/04/2018	3532016	18721625.4	
3532332	Volkswagen Aktiengesellschaft	13/09/2017	3532332	17767819.0	German
3532676	Stora Enso Oyj	26/10/2017	3532676	17863424.2	
3532803	Siemens Medical Solutions USA, Inc.	19/09/2016	3532803	16916375.5	
3534042	TOYOTA JIDOSHA KABUSHIKI KAISHA AISIN AW CO., LTD.	08/02/2019	3534042	19156137.2	
3534712	SWIMC LLC	25/10/2017	3534712	17867592.2	
3535433	BMW Brilliance Automotive Ltd.	20/06/2017	3535433	17912762.6	
3535467	Schlage Lock Company LLC	02/11/2017	3535467	17866736.6	
3536654	Jungheinrich Aktiengesellschaft	05/03/2019	3536654	19160882.7	German
3536980	Hamilton Sundstrand Corporation	08/03/2018	3536980	18461531.8	
3538052	Merck Sharp & Dohme LLC	06/11/2017	3538052	17868730.7	
3538170	Cap Biomaterials, LLC	14/11/2017	3538170	17869038.4	
3538320	Bayerische Motoren Werke Aktiengesellschaft	09/11/2017	3538320	17800794.4	German
3538482	Cetteen GmbH	08/11/2017	3538482	17803778.4	German
3538496	Vomm Impianti e Processi S.P.A.	08/11/2017	3538496	17805114.0	
3539028	3M Innovative Properties Company	03/11/2017	3539028	17869137.4	
3539920	Mitsubishi Logisnext Co., Ltd.	31/08/2017	3539920	17859364.6	
3541381	Merck Sharp & Dohme LLC	13/11/2017	3541381	17871741.9	
3541438	Aesculap AG	15/11/2017	3541438	17808806.8	German
3541656	PSA Automobiles SA	17/11/2017	3541656	17804257.8	French

3543228	3D Medicines (Beijing) Co., Ltd.	17/11/2017	3543228	17871197.4	
3544091	Kabushiki Kaisha Toshiba	04/09/2018	3544091	18192419.2	
3544437	Haas Food Equipment GmbH	22/11/2017	3544437	17800553.4	German
3544663	ResMed Pty Ltd	21/11/2017	3544663	17874533.7	
3545944	Pola Chemical Industries Inc.	27/11/2017	3545944	17874163.3	
3546209	Pratt & Whitney Canada Corp.	28/03/2019	3546209	19165954.9	
3546242	Hands Corporation Ltd.	13/11/2018	3546242	18877311.3	
3546508	Bridgestone Corporation	18/06/2013	3546508	19173187.6	
3546930	Hamamatsu Photonics K.K.	16/11/2017	3546930	17873854.8	
3547004	Nikon Corporation	05/10/2017	3547004	17858484.3	
3547020	Samsung Display Co., Ltd.	20/03/2019	3547020	19164010.1	
3548740	HYWIND AS	29/11/2016	3548740	16922973.9	
3548940	3M Innovative Properties Company	21/11/2017	3548940	17877049.1	
3550467	BOE Technology Group Co., Ltd.	04/07/2017	3550467	17835784.4	
3550769	NXP B.V.	25/03/2019	3550769	19164834.4	
3550931	Deutsche Telekom AG	05/04/2018	3550931	18165920.2	
3551835	Cameron Technologies Limited	12/12/2017	3551835	17879820.3	
3552518	Grima S.R.L.	12/04/2019	3552518	19168846.4	
3553041	APPOTRONICS CORPORATION LIMITED	03/11/2017	3553041	17879386.5	
3553998	Simmonds Precision Products, Inc.	12/04/2019	3553998	19169082.5	
3554424	Edwards Lifesciences Corporation	15/12/2017	3554424	17880012.4	
3556783	Sumitomo Chemical Company, Limited	07/12/2017	3556783	17881786.2	
3558253	L'Oreal	22/12/2017	3558253	17821934.1	
3558636	General Electric Company	06/11/2017	3558636	17883128.5	
3560777	FCA Italy S.p.A.	26/04/2018	3560777	18169660.0	
3560937	Cancer Targeted Technology LLC Washington State University	14/03/2014	3560937	19179758.8	
3561396	LG Electronics Inc.	07/04/2011	3561396	19167588.3	
3562062	QUALCOMM Incorporated	28/06/2016	3562062	19177380.3	
3564274	Kuraray Co., Ltd.	28/12/2017	3564274	17889155.2	
3565899	Pocared Diagnostics Ltd.	09/01/2018	3565899	18735857.7	
3566253	Shape Corp.	04/01/2018	3566253	18736155.5	
3567184	Välinge Innovation AB	31/08/2015	3567184	19182019.0	
3567856	NTT DoCoMo, Inc.	16/03/2010	3567856	19184147.7	
3568210	Highnovate	11/01/2018	3568210	18738925.9	
3568563	Baker Hughes Oilfield Operations, LLC	12/01/2018	3568563	18739304.6	

3569662	LG Chem, Ltd.	20/09/2018	3569662	18862625.3	
3569772	Deere & Company	02/04/2019	3569772	19166891.2	
3570566	Nokia Technologies Oy	14/05/2018	3570566	18171975.8	
3571490	Hach Lange GmbH	17/01/2017	3571490	17700666.5	
3572774	Airbus Helicopters	16/05/2019	3572774	19174905.0	French
3572853	NGK Insulators, Ltd.	17/11/2017	3572853	17892529.3	
3573297	Huawei Technologies Co., Ltd.	03/11/2017	3573297	17896756.8	
3573394	Huawei Technologies Co., Ltd.	25/01/2017	3573394	17894439.3	
3573521	Modulated Imaging Inc.	22/03/2018	3573521	18771715.2	
3573988	Cyclacel Limited	25/01/2018	3573988	18702530.9	
3574633	Samsung Electronics Co., Ltd.	07/02/2018	3574633	18750771.0	
3575006	Amazon Technologies, Inc.	11/08/2017	3575006	19182559.5	
3575302	Samsung Display Co., Ltd.	31/05/2019	3575302	19177594.9	
3575372	FUJIFILM Corporation	29/01/2018	3575372	18745075.4	
3575850	CANON KABUSHIKI KAISHA	15/05/2019	3575850	19174562.9	
3576378	BlackBerry Limited	27/05/2019	3576378	19176822.5	
3576428	Murata Manufacturing Co., Ltd.	10/01/2018	3576428	18744293.4	
3577382	North American Pipe Corporation	02/02/2018	3577382	18748248.4	
3577766	Mitsubishi Electric Corporation	26/12/2017	3577766	17838000.2	
3577935	IPLA Holdings Inc.	02/02/2018	3577935	18706053.8	
3578734	Saint-Gobain Ecophon AB	04/06/2018	3578734	18175672.7	
3579408	Diehl Defence GmbH & Co. KG	22/05/2019	3579408	19175941.4	German
3580343	Yissum Research Development Company of The Hebrew University of Jerusalem Ltd. Yeda Research and Development Co., Ltd.	08/02/2018	3580343	18708223.5	
3580887	Huawei Technologies Duesseldorf GmbH	31/03/2017	3580887	17714787.3	
3581650	uniQure biopharma B.V.	15/09/2009	3581650	19174517.3	
3583367	Whirlpool Corporation	14/02/2017	3583367	17896908.5	
3584298	Fujimi Incorporated	29/01/2018	3584298	18754174.3	
3584538	Google LLC	25/06/2015	3584538	19178223.4	
3584938	Sony Group Corporation	06/02/2018	3584938	18753795.6	
3584939	Sony Group Corporation	06/02/2018	3584939	18754178.4	
3584940	Sony Group Corporation	06/02/2018	3584940	18754480.4	
3584942	Sony Group Corporation	06/02/2018	3584942	18755111.4	

3585647	LensVector Inc.	26/02/2018	3585647	18757081.7	
3585972	Dziekonski, Mitchell Z.	05/02/2018	3585972	18757607.9	
3586346	Manz Italy S.r.l.	20/02/2018	3586346	18712011.8	
3586374	First Solar, Inc.	22/02/2018	3586374	18709856.1	
3586402	Huawei Technologies Co., Ltd.	24/03/2017	3586402	17713291.7	
3587488	Mitsui Chemicals, Inc.	07/02/2018	3587488	18756721.9	
3587941	Mitsubishi Electric Corporation	23/02/2017	3587941	17897333.5	
3589190	TherMidas Oy	01/03/2018	3589190	18716649.1	
3589618	GlaxoSmithKline Intellectual Property (No. 2) Limited	27/02/2018	3589618	18712082.9	
3589868	Federal-Mogul Burscheid GmbH	06/02/2018	3589868	18705823.5	German
3589899	Array Technologies, Inc.	01/03/2018	3589899	18760854.2	
3590027	Google LLC	05/07/2018	3590027	18746800.4	
3591137	Pure Vista Ltd	11/04/2019	3591137	19168768.0	
3591139	Välinge Innovation AB	11/11/2014	3591139	19177864.6	German
3591429	DENSO CORPORATION	16/01/2018	3591429	18761850.9	
3591714	Guangdong Aiko Solar Energy Technology Co., Ltd. Zhejiang Aiko Solar Energy Technology Co., Ltd.	28/02/2018	3591714	18760574.6	
3592665	Delica AG	31/01/2018	3592665	18701766.0	German
3593024	Norma U.S. Holding LLC	07/03/2018	3593024	18763446.4	
3593030	Wärtsilä Finland Oy	08/03/2017	3593030	17713336.0	
3594175	JFC Polska Sp. z o.o.	24/06/2019	3594175	19182118.0	
3594424	Sekisui Chemical Co., Ltd.	06/03/2018	3594424	18763284.9	
3594637	ELBI International S.p.A.	05/07/2019	3594637	19184645.0	
3595305	Tencent Technology (Shenzhen) Company Limited	05/03/2018	3595305	18763703.8	
3595371	Huawei Technologies Co., Ltd.	30/03/2018	3595371	18776004.6	
3595928	Safran Seats USA LLC	17/11/2017	3595928	17811778.4	
3596038	Qatar Foundation for Education, Science and Community Development	19/03/2018	3596038	18771331.8	
3597162	MAGNA STEYR Fahrzeugtechnik GmbH & Co KG	02/07/2019	3597162	19183836.6	German
3597539	AIRBUS HELICOPTERS DEUTSCHLAND GmbH	17/07/2018	3597539	18400024.8	
3597937	Hamilton Sundstrand Corporation	20/07/2018	3597937	18461583.9	

3598184	Kyoto University STANLEY ELECTRIC CO., LTD.	17/07/2019	3598184	19186700.1	
3598315	STMicroelectronics (Grenoble 2) SAS STMicroelectronics (Rousset) SAS	17/07/2019	3598315	19186868.6	French
3599252	Shin-Etsu Chemical Co., Ltd.	24/07/2019	3599252	19188172.1	
3600781	Robert Bosch GmbH	09/03/2018	3600781	18711066.3	German
3601734	Metrol Technology Ltd	31/03/2017	3601734	17715995.1	
3601735	Metrol Technology Ltd	31/03/2017	3601735	17715996.9	
3601736	Metrol Technology Ltd	28/03/2018	3601736	18714356.5	
3602000	Universite De Franche Comte Centre National de la Recherche Scientifique Ecole Nationale Superieure de Mecanique et Des Microtechniques	20/03/2018	3602000	18715211.1	French
3602147	Microsoft Technology Licensing, LLC	15/03/2018	3602147	18716403.3	
3603106	Google LLC	06/07/2018	3603106	18746413.6	
3604142	Rolls-Royce Corporation	29/06/2015	3604142	19197719.8	
3604702	Bethencourt Cravid, Manuel Fernando	22/03/2018	3604702	18774960.1	
3604883	Nippon Pillar Packing Co., Ltd.	15/01/2018	3604883	18775546.7	
3605170	Kuraray Co., Ltd.	16/03/2018	3605170	18776795.9	
3606056	Hitachi Kokusai Electric Inc.	07/03/2018	3606056	18777933.5	
3606984	Arkema France	05/04/2018	3606984	18718898.2	French
3608393	Biasior, Patrizia	06/08/2019	3608393	19190162.8	
3608716	APPOTRONICS CORPORATION LIMITED	03/11/2017	3608716	17904831.9	
3608903	Spotify AB	25/07/2019	3608903	19188427.9	
3609049	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	04/04/2018	3609049	18780781.3	
3609277	Comcast Cable Communications, LLC	09/08/2019	3609277	19191057.9	
3609385	Alcon Inc.	05/04/2018	3609385	18720784.0	
3609685	Desktop Metal, Inc.	10/04/2018	3609685	18720742.8	
3610576	Kandou Labs, S.A.	16/04/2018	3610576	18784600.1	
3611388	Yanmar Power Technology Co., Ltd.	09/04/2018	3611388	18784619.1	
3611547	Panasonic Intellectual Property Management Co., Ltd.	27/02/2018	3611547	18784208.3	

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3611991	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	04/05/2017	3611991	17908709.3	
3612320	Robert Bosch GmbH	12/04/2018	3612320	18717909.8	German
3612609	Henkel AG & Co. KGaA	17/04/2018	3612609	18787067.0	
3612743	ZF Friedrichshafen AG ZF Wind Power Antwerpen N.V.	28/03/2018	3612743	18716159.1	German
3613916	Gerhard Geiger GmbH & Co. KG	21/08/2019	3613916	19192916.5	German
3614035	Iveco S.p.A.	11/11/2015	3614035	19187952.7	
3614081	LG Electronics Inc.	19/01/2011	3614081	19200363.0	
3614530	REGAL BELOIT AMERICA, INC.	22/08/2019	3614530	19193013.0	
3615392	Dana Belgium N.V.	25/04/2018	3615392	18721993.6	
3615733	Roadtec, Inc.	19/03/2018	3615733	18790473.5	
3615774	Safran Aircraft Engines	24/04/2018	3615774	18725281.2	French
3616170	Giesecke+Devrient Currency Technology GmbH	25/04/2018	3616170	18725395.0	German
3616649	Sunstar Inc.	24/04/2018	3616649	18791893.3	
3616839	Makita Corporation	01/08/2014	3616839	19203791.9	
3617786	LG Chem, Ltd.	30/04/2018	3617786	18792339.6	
3617878	Mitsubishi Electric Corporation	24/05/2017	3617878	17911177.8	
3620036	Bayerische Motoren Werke Aktiengesellschaft	24/04/2018	3620036	18719863.5	German
3621176	Eaton Intelligent Power Limited	02/07/2014	3621176	19186907.2	
3621549	Convergent Dental, Inc.	10/05/2018	3621549	18727601.9	
3621676	Autonomous Healthcare, Inc.	11/05/2018	3621676	18798966.0	
3621741	Siemens Healthcare Diagnostics Inc.	08/05/2018	3621741	18799054.4	
3622575	Bayerische Motoren Werke Aktiengesellschaft	07/05/2018	3622575	18729567.0	German
3623629	Fu Sheng Industrial Co., Ltd.	02/09/2019	3623629	19194857.9	
3623815	Oncotag Diagnostics Co., Ltd.	11/05/2018	3623815	18799158.3	
3624517	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	03/11/2017	3624517	17930744.2	
3624997	ABB Schweiz AG	16/05/2017	3624997	17724790.5	
3625511	Degner GmbH&Co. KG	11/05/2018	3625511	18726053.4	German
3625533	Leica Biosystems Nussloch GmbH	26/11/2018	3625533	18810995.3	German
3625558	Metso Outotec Finland Oy	19/04/2018	3625558	18720553.9	

3626899	Bernhard, Regli	28/09/2018	3626899	18197588.9	German
3626900	Raico Bautechnik GmbH	20/08/2019	3626900	19192560.1	German
3626959	Rohr Inc.	08/07/2019	3626959	19184957.9	
3627037	Stanley Electric Co., Ltd.	15/05/2018	3627037	18801581.2	
3627180	Apollo Intelligent Driving Technology (Beijing) Co., Ltd.	06/09/2019	3627180	19195851.1	
3627713	Swisscom AG	20/09/2019	3627713	19198743.7	
3628639	Beijing Xiaomi Mobile Software Co., Ltd.	25/09/2019	3628639	19199554.7	
3628699	LG CHEM, LTD.	31/01/2019	3628699	19751867.3	
3629593	Apple Inc.	30/09/2019	3629593	19200553.6	
3629752	The Princeton Group Inc - C40917	30/05/2018	3629752	18808706.8	
3629942	Senuysal, Hilal Tansug, Tugrul Elitas, Meltem	21/05/2018	3629942	18878147.0	
3630503	Dana Heavy Vehicle Systems Group, LLC	24/05/2018	3630503	18731289.7	
3631234	Kendrion (Villingen) GmbH	02/05/2018	3631234	18722457.1	German
3632419	The University of Chicago	16/09/2011	3632419	19194979.1	
3632572	Leshow Electronic Technology Co. Ltd., Hangzhou Beijing Xiaomi Mobile Software Co., Ltd.	09/04/2018	3632572	18809296.9	
3633047	Pacific Biosciences of California, Inc.	19/08/2015	3633047	19174933.2	
3633085	Graf + Cie AG	27/09/2019	3633085	19200122.0	German
3633263	Stanley Electric Co., Ltd.	17/05/2018	3633263	18806604.7	
3633334	IMEC vzw	04/10/2018	3633334	18198547.4	
3633433	LG Innotek Co., Ltd.	30/05/2014	3633433	19211304.1	
3634408	Merck Sharp & Dohme LLC	04/06/2018	3634408	18812747.6	
3634505	Mölnlycke Health Care AB	05/06/2018	3634505	18728396.5	
3635848	E-Circuit Motors, Inc.	25/05/2018	3635848	18731306.9	
3635963	Google LLC	17/08/2018	3635963	18769540.8	
3636391	BSH Hausgeräte GmbH	11/10/2018	3636391	18199913.7	
3636984	UNI-Geräte E. Mangelmann Elektrotechnische Fabrik GmbH	26/09/2019	3636984	19199791.5	German
3637157	Dr. Johannes Heidenhain GmbH	15/07/2019	3637157	19186204.4	German
3639134	Cisco Technology, Inc.	13/06/2018	3639134	18737756.9	

3639254	Outsmart AB	08/06/2018	3639254	18732692.1	
3640358	Achenbach Buschhütten GmbH & Co. KG	11/09/2019	3640358	19196610.0	German
3640579	Alps Alpine Co., Ltd.	08/05/2018	3640579	18817574.9	
3640773	Leica Geosystems AG	16/10/2018	3640773	18200805.2	German
3641611	Techtronic Floor Care Technology Limited	15/06/2018	3641611	18732144.3	
3641820	Neurosense Therapeutics Ltd.	20/06/2018	3641820	18753256.9	
3642495	Federal-Mogul Motorparts LLC	15/06/2018	3642495	18738095.1	
3642842	Silicon Storage Technology, Inc.	09/07/2018	3642842	18848740.9	
3643027	Apothym Technologies Group, LLC	20/06/2018	3643027	18820675.9	
3643134	Qualcomm Incorporated	19/06/2018	3643134	18740699.6	
3643246	T3Q CO., LTD.	25/06/2018	3643246	18820722.9	
3644038	IAV GmbH	22/10/2019	3644038	19020590.6	German
3645250	Thermwood Corporation	31/05/2018	3645250	18732610.3	
3645634	The Chemours Company FC, LLC	11/06/2018	3645634	18735124.2	
3647218	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	31/05/2018	3647218	18825543.4	
3647553	Orcan Energy AG	05/11/2018	3647553	18204344.8	German
3649135	President and Fellows of Harvard College Eisai R&D Management Co., Ltd.	06/07/2018	3649135	18746401.1	
3649690	Renault s.a.s	25/06/2018	3649690	18748998.4	French
3649762	Alcatel Lucent	04/07/2018	3649762	18760001.0	
3649964	Covidien LP	06/11/2019	3649964	19207351.8	
3650426	Societa'Italiana Lastre S.p.A.	04/11/2019	3650426	19206877.3	
3650566	General Electric Company	07/11/2019	3650566	19207823.6	
3651034	Citrix Systems, Inc.	07/11/2019	3651034	19207685.9	
3651813	SteriO3, LLC	12/07/2018	3651813	18752857.5	
3651999	Pressure Systems International, LLC	13/07/2018	3651999	18832135.0	
3652149	Vitaworks IP, LLC	22/06/2018	3652149	18831964.4	
3652374	Siretessile S.r.l.	10/07/2018	3652374	18762387.1	
3652417	Burckhardt Compression AG	10/07/2018	3652417	18745841.9	German
3653495	Safran Landing Systems	12/11/2019	3653495	19208576.9	French
3653622	Shenzhen TargetRx, Inc.	21/08/2018	3653622	18849590.7	
3653663	Toray Industries, Inc.	02/07/2018	3653663	18831141.9	
3653915	Raytheon Technologies Corporation	13/11/2019	3653915	19208985.2	

3653918	Hamilton Sundstrand Corporation	11/11/2019	3653918	19208300.4	
3654457	GE Aviation Systems LLC	08/11/2019	3654457	19208129.7	
3654464	RIPD IP Development Ltd	11/11/2019	3654464	19208234.5	
3654518	General Electric Company	08/11/2019	3654518	19208197.4	
3654745	GE Aviation Systems LLC	08/11/2019	3654745	19208114.9	
3654994	CSL Behring Gene Therapy, Inc. CSL Gene Therapy Pty Ltd	18/07/2018	3654994	18750006.1	
3655101	Varian Medical Systems Inc Siemens Healthineers International AG	19/07/2018	3655101	18755712.9	
3655622	Oceaneering International, Inc.	18/07/2018	3655622	18835937.6	
3655946	President and Fellows of Harvard College Siemens Canada Limited	19/07/2018	3655946	18835586.1	
3655991	Emberion Oy	03/07/2018	3655991	18737579.5	
3656099	Nicira Inc.	16/07/2018	3656099	18755335.9	
3656900	Kabushiki Kaisha Toyota Jidoshokki	13/11/2019	3656900	19208788.0	
3656945	Gebrüder Jaeger GmbH	05/11/2019	3656945	19207094.4	German
3657045	Safran Transmission Systems	21/11/2019	3657045	19210523.7	French
3657670	KEB Automation KG	26/11/2018	3657670	18208372.5	German
3658993	Brother Kogyo Kabushiki Kaisha	01/07/2019	3658993	19756084.0	
3659139	Vail Systems, Inc.	27/06/2018	3659139	18837292.4	
3659365	Qualcomm Incorporated	16/07/2018	3659365	18750565.6	
3659549	SIRONA Dental Systems GmbH DENTSPLY SIRONA Inc.	29/11/2018	3659549	18209279.1	
3659898	Clarion Co., Ltd.	28/11/2019	3659898	19212268.7	
3660378	Nippon Steel Corporation Vallourec Oil and Gas France	06/11/2018	3660378	18876740.4	
3660612	Siemens Aktiengesellschaft	30/11/2018	3660612	18209564.6	
3660945	Sanyo Electric Co., Ltd.	17/07/2018	3660945	18838146.1	
3661184	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/11/2019	3661184	19209647.7	
3661570	3M Innovative Properties Company	24/07/2018	3661570	18752934.2	
3661784	Robert Bosch GmbH	31/07/2018	3661784	18750133.3	German
3661788	Robert Bosch GmbH	31/07/2018	3661788	18750139.0	German
3662351	Valeo Comfort and Driving Assistance	31/07/2018	3662351	18745641.3	French

3663157	Kabushiki Kaisha Toshiba Toshiba Infrastructure Systems & Solutions Corporation	25/05/2018	3663157	18840294.5	
3663281	Takeda Pharmaceutical Company Limited	02/08/2018	3663281	18842111.9	
3663546	HUSCO Automotive Holdings LLC	22/07/2016	3663546	20154274.3	
3663708	Nidek Co., Ltd.	06/06/2018	3663708	18842012.9	
3663901	Huawei Technologies Co., Ltd.	31/08/2017	3663901	17923196.4	
3664404	Huawei Technologies Co., Ltd.	06/07/2018	3664404	18848646.8	
3665159	Nouryon Chemicals International B.V.	07/08/2018	3665159	18749378.8	
3665415	Hydac Technology GmbH	09/08/2018	3665415	18758832.2	German
3665449	ConocoPhillips Company	09/03/2017	3665449	17764141.2	
3666226	Athmani, Bachir Abecassis, Marc	26/11/2019	3666226	19315146.1	French
3666615	Korea Railroad Research Institute	19/07/2018	3666615	18844367.5	
3666976	11i Consulting GmbH Murfitts Industries LTD Pintat, Benoit	14/12/2018	3666976	18212783.7	
3667354	Qorvo US, Inc.	10/05/2019	3667354	19173739.4	
3667438	AIRBUS OPERATIONS (S.A.S.)	30/10/2019	3667438	19206101.8	French
3667777	LG Energy Solution, Ltd.	30/08/2018	3667777	18854257.5	
3668251	LG Electronics Inc.	09/08/2018	3668251	18844167.9	
3669693	Patek Philippe SA Genève	21/12/2018	3669693	18215267.8	French
3669840	3M Innovative Properties Company	01/11/2016	3669840	20156970.4	
3670158	Astro Tech Co., Ltd.	18/07/2019	3670158	19186923.9	
3672016	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12/09/2018	3672016	18932974.1	
3672213	Lantiq Beteiligungs-GmbH & Co. KG	13/03/2015	3672213	20151715.8	
3672223	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	23/04/2019	3672223	19792981.3	
3673109	Rozov, Gal Miele & Cie. KG	09/08/2018	3673109	18762161.0	
3673734	Aferetica S.r.l.	20/11/2014	3673734	20158886.0	
3673821	Ethicon LLC	20/12/2019	3673821	19219068.4	
3674058	The Yokohama Rubber Co., Ltd.	07/06/2018	3674058	18849387.8	

3675587	BlackBerry Limited	12/03/2010	3675587	19219294.6	
3676576	Vitesco Technologies Germany GmbH	16/08/2018	3676576	18758579.9	German
3676700	Oracle International Corporation	06/09/2018	3676700	18779130.6	
3677163	FUJIFILM Corporation	30/10/2017	3677163	17834583.1	
3677469	Osann GmbH	03/01/2020	3677469	20150148.3	German
3677591	Teva Pharmaceuticals Australia Pty Ltd	29/04/2013	3677591	19213030.0	
3677633	Kuraray Co., Ltd.	29/08/2018	3677633	18852084.5	
3677729	Kawasaki Jukogyo Kabushiki Kaisha	22/08/2018	3677729	18851226.3	
3680578	HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. GD Midea Heating & Ventilating Equipment Co., Ltd.	30/05/2019	3680578	19801655.2	
3680651	General Electric Company	07/01/2020	3680651	20150555.9	
3680713	CANON KABUSHIKI KAISHA	30/05/2018	3680713	20151125.0	
3681063	Huawei Technologies Co., Ltd.	15/11/2018	3681063	18880452.0	
3681384	Magnolia Medical Technologies, Inc.	12/09/2018	3681384	18855938.9	
3682107	Emrgy Inc.	17/09/2018	3682107	18855328.3	
3682467	Ascatron AB	14/09/2018	3682467	18770009.1	
3682939	EMD Millipore Corporation	26/03/2014	3682939	20162113.3	
3683614	Huawei Technologies Co., Ltd.	13/06/2018	3683614	18874723.2	
3683932	Ford Global Technologies, LLC	09/01/2020	3683932	20150874.4	
3684093	Huawei Technologies Co., Ltd.	15/11/2018	3684093	18879315.2	
3684357	Merck Sharp & Dohme LLC	14/09/2018	3684357	18859614.2	
3686019	TTP plc	09/11/2015	3686019	20162522.5	
3686260	Weiss Technik GmbH	23/01/2019	3686260	19153281.1	German
3686486	Nichia Corporation	20/01/2020	3686486	20152597.9	
3686576	Yamaha Hatsudoki Kabushiki Kaisha	22/06/2018	3686576	18859726.4	
3687034	Foshan Shunde Midea Electrical Heating Appliances Manufacturing Co., Limited	15/11/2017	3687034	17929604.1	
3687371	Covidien AG	14/11/2018	3687371	18808069.1	
3687409	Koninklijke Philips N.V.	25/09/2018	3687409	18770047.1	
3687481	Unilever Global IP Limited	27/08/2018	3687481	18756453.9	
3687854	Martur Sünger ve Koltuk Tesisleri Ticaret ve Sanayi Anonim Sirketi	17/09/2018	3687854	18858136.7	
3687864	Robert Bosch GmbH	15/08/2018	3687864	18758850.4	German

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3687890	Enata Investment Corporation Pte. Ltd.	12/09/2018	3687890	18786857.5	French
3688751	Harman International Industries, Incorporated	28/09/2017	3688751	17927221.6	
3688780	Eaton Intelligent Power Limited	25/09/2018	3688780	18780053.7	German
3688852	Eaton Intelligent Power Limited	25/09/2018	3688852	18774044.4	German
3689047	Telefonaktiebolaget LM Ericsson (publ)	28/09/2018	3689047	18793268.6	
3689650	IVECO FRANCE S.A.S.	29/01/2020	3689650	20305075.2	
3690056	Factor Bioscience Inc.	30/01/2015	3690056	20161924.4	
3691976	Obrist Closures Switzerland GmbH	02/10/2018	3691976	18795295.7	
3692040	GlaxoSmithKline Intellectual Property Development Limited	05/10/2018	3692040	18795809.5	
3692665	Huawei Technologies Co., Ltd.	08/10/2018	3692665	18865919.7	
3693036	Mallinckrodt Pharmaceuticals Ireland Limited	16/06/2016	3693036	20163767.5	
3693047	Fisher & Paykel Healthcare Limited	17/07/2015	3693047	20166610.4	
3693572	Raytheon Technologies Corporation	15/01/2020	3693572	20152032.7	
3693830	Honor Device Co., Ltd.	30/11/2017	3693830	17933537.7	
3694108	NXP USA, Inc.	30/01/2020	3694108	20154525.8	
3694163	Huawei Technologies Co., Ltd.	25/10/2018	3694163	18873380.2	
3694358	Philip Morris Products S.A.	11/10/2018	3694358	18789349.0	
3694607	The Procter & Gamble Company	10/10/2018	3694607	18796210.5	
3694635	SABIC Global Technologies B.V.	12/10/2018	3694635	18783031.0	
3695500	Siemens Aktiengesellschaft	15/11/2018	3695500	18810914.4	German
3696314	SEB S.A.	05/02/2020	3696314	20155708.9	French
3696643	Rockwell Collins, Inc.	25/11/2019	3696643	19211334.8	
3696795	Nippon Telegraph And Telephone Corporation	11/10/2018	3696795	18865539.3	
3697737	Pilkington Group Limited	05/10/2018	3697737	18785733.9	
3697785	Jubilant Epipad LLC	16/10/2018	3697785	18796135.4	
3697842	Westlake Epoxy Inc.	10/09/2018	3697842	18855926.4	
3697865	Samsung Display Co., Ltd.	16/10/2018	3697865	18800043.4	
3699995	Murata Manufacturing Co., Ltd.	18/08/2017	3699995	17870884.8	
3700672	10X Genomics, Inc.	24/10/2018	3700672	18801153.0	
3701710	AGFA OFFSET BV	23/10/2018	3701710	18803866.5	
3701957	ImmunityBio, Inc.	28/10/2014	3701957	20159448.8	
3702221	Yazaki Corporation	29/01/2020	3702221	20154324.6	

3702466	Research Institute at Nationwide Children's Hospital LUDWIG INSTITUTE FOR CANCER RESEARCH	26/08/2014	3702466	20165345.8	
3702686	Belimo Holding AG	11/02/2020	3702686	20156664.3	
3702901	CANON KABUSHIKI KAISHA	14/02/2020	3702901	20157384.7	
3702908	Huawei Technologies Co. Ltd.	24/06/2016	3702908	19205354.4	
3703426	Mitsubishi Electric Corporation	26/10/2017	3703426	17929882.3	
3703450	Huawei Technologies Co., Ltd.	15/11/2018	3703450	18878758.4	
3703454	Huawei Technologies Co., Ltd.	16/04/2018	3703454	20151505.3	
3703882	Neturen Co., Ltd.	31/10/2018	3703882	18804427.5	
3704355	Spirax-Sarco Limited	17/10/2018	3704355	18789125.4	
3704993	de Werth Group AG	02/08/2018	3704993	20165962.0	German
3705766	Mannesmann Line Pipe GmbH	03/03/2020	3705766	20160725.6	German
3705839	Waukesha Bearings Limited	06/03/2020	3705839	20161656.2	
3706495	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	03/11/2017	3706495	17930692.3	
3707143	Oncostellae, S.L.	06/11/2018	3707143	18795687.5	
3707315	Salviato, Stefano	06/11/2018	3707315	18812264.2	
3707401	Süddeutsche Gelenkscheibenfabrik GmbH & Co. KG Siemens Mobility GmbH	12/11/2018	3707401	18811451.6	German
3707937	T-Mobile USA, Inc.	06/11/2018	3707937	18872390.2	
3708198	Terumo Kabushiki Kaisha	12/03/2020	3708198	20162680.1	
3708324	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	24/10/2018	3708324	18877174.5	
3708455	CRSC Research & Design Institute Group Co., Ltd.	10/05/2018	3708455	18875609.2	
3708647	Kaneka Corporation	07/11/2018	3708647	18875882.5	
3709497	ABB Schweiz AG	14/03/2019	3709497	19162755.3	
3709677	Framed Immersive Projects GmbH & Co. Kg	13/03/2015	3709677	20171652.9	German
3709690	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	07/11/2017	3709690	17931697.1	
3710253	Stratasys Powder Production Ltd	16/11/2018	3710253	18808472.7	

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3710791	Micro Motion, Inc.	13/11/2017	3710791	17804408.7	
3711075	Eaton Intelligent Power Limited	09/11/2018	3711075	18800628.2	German
3712098	KONE Corporation	19/03/2019	3712098	19163634.9	
3712423	Siemens Gamesa Renewable Energy A/S	21/03/2019	3712423	19164332.9	
3712744	Bull SAS	16/03/2020	3712744	20163449.0	French
3713277	QUALCOMM Incorporated	18/01/2018	3713277	20174308.5	
3713367	Datang Mobile Communications Equipment Co., Ltd.	10/10/2018	3713367	18879119.8	
3714114	ArcelorMittal	21/11/2017	3714114	17809000.7	French
3714195	Greenlee Textron Inc.	25/10/2018	3714195	18881146.7	
3714288	NORBIT ITS AS	23/11/2018	3714288	18811638.8	
3714305	Smartmicrooptics S.r.l. Fondazione Istituto Italiano di Tecnologia	20/11/2018	3714305	18815031.2	
3714345	UATC, LLC	21/11/2018	3714345	18825823.0	
3715405	DIC Corporation	30/10/2018	3715405	18879026.5	
3715603	Hamilton Sundstrand Corporation	25/11/2019	3715603	19211113.6	
3715903	Vestel Elektronik Sanayi ve Ticaret A.S.	28/03/2019	3715903	19165773.3	
3716649	Sonova AG	27/03/2019	3716649	19165553.9	
3716687	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	11/01/2018	3716687	18900521.8	
3716735	Fuji Corporation	22/11/2017	3716735	17933154.1	
3716808	Husqvarna AB	19/11/2018	3716808	18807277.1	
3717273	Bundesdruckerei GmbH	06/11/2018	3717273	18821988.5	German
3717289	Kuhn, Herbert	13/11/2018	3717289	18804550.4	German
3717387	Paper Converting Machine Company	26/11/2018	3717387	18883038.4	
3717972	IMERIUM Sàrl	02/11/2018	3717972	18796659.3	French
3718008	Cisco Technology, Inc.	30/11/2018	3718008	18821890.3	
3718300	Sony Group Corporation	28/11/2017	3718300	17817501.4	
3718731	Art&Tech Co., Ltd. Kuraray Co., Ltd.	29/08/2014	3718731	20172484.6	
3719229	Lis, Krzysztof	12/03/2020	3719229	20162681.9	

3719532	Alalusi, Sayf Arhror, Youssef Transrobotics, Inc.	01/05/2020	3719532	20172631.2	
3719542	PAUL SCHERRER INSTITUT	04/04/2019	3719542	19167331.8	
3720442	Forma Therapeutics, Inc.	16/05/2019	3720442	19728271.8	
3720764	HEUREKA AMBIENTE S.R.L.	27/11/2018	3720764	18815040.3	
3720890	SABIC Global Technologies B.V.	31/10/2018	3720890	18795633.9	
3721030	Action Team Veranstaltungen GmbH	03/12/2018	3721030	18811830.1	German
3721071	Robert Bosch GmbH	15/10/2018	3721071	18789061.1	German
3722189	Apollo Tyres Global R&D B.V.	09/04/2020	3722189	20168917.1	German
3722485	LG Electronics Inc.	14/04/2020	3722485	20169302.5	
3722552	TRACTO-TECHNIK GmbH & Co. KG	12/03/2020	3722552	20162600.9	German
3722554	Accenture Global Solutions Limited	25/03/2020	3722554	20165431.6	
3722575	Pratt & Whitney Canada Corp.	25/09/2017	3722575	20174238.4	
3723201	Shenzhen Zhaowei Machinery&Electronics Co., Ltd.	26/03/2018	3723201	18852766.7	
3723251	Michishita Iron Works Co., Ltd.	23/10/2019	3723251	19204881.7	
3723348	Samsung Electronics Co., Ltd.	07/01/2019	3723348	19736191.8	
3724132	Merck Patent GmbH	11/12/2018	3724132	18814914.0	
3724490	Siemens Gamesa Renewable Energy A/S	16/01/2019	3724490	19702015.9	
3725033	nChain Licensing AG	12/12/2018	3725033	18836293.3	
3725140	TurfPro Maschinen und Motorgeräte GmbH	09/04/2020	3725140	20168962.7	German
3725634	YAZAKI CORPORATION	08/11/2018	3725634	18888251.8	
3726068	Witte Automotive GmbH	31/03/2020	3726068	20167313.4	German
3726069	Illinois Tool Works Inc.	16/04/2019	3726069	19382295.4	
3726086	Hamilton Sundstrand Corporation	28/11/2019	3726086	19212094.7	
3726843	Tencent Technology (Shenzhen) Company Limited	23/11/2018	3726843	18888608.9	
3728223	Bristol-Myers Squibb Company	18/12/2018	3728223	18830681.5	
3728897	ZF Friedrichshafen AG	16/11/2018	3728897	18808252.3	German
3730057	Sirona Dental Systems GmbH DENTSPLY SIRONA Inc.	26/04/2019	3730057	19171428.6	
3730299	CANON KABUSHIKI KAISHA	31/03/2020	3730299	20167223.5	
3730395	Driven Technologies, Inc.	24/03/2020	3730395	20165279.9	
3730786	White Knight Fluid Handling Inc.	09/04/2020	3730786	20169079.9	

3731058	Mitsubishi Electric Corporation	23/01/2018	3731058	18902701.4	
3731675	JT International SA	28/12/2018	3731675	18833438.7	
3733435	Aulton New Energy Automotive Technology Group Shanghai Dianba New Energy Technology Co., Ltd.	29/12/2018	3733435	18895455.6	
3734029	Weichai Power Co., Ltd.	28/12/2017	3734029	17936586.1	
3734654	Mitsubishi Materials Corporation	23/06/2017	3734654	20180726.0	
3735078	Accenture Global Solutions Limited	29/04/2020	3735078	20171971.3	
3735773	nimbus Cloud IPCo Pty Ltd	20/02/2019	3735773	19756590.6	
3735922	Covidien LP	04/05/2020	3735922	20172803.7	
3736186	HYUNDAI MOTOR COMPANY Kia Corporation	22/11/2019	3736186	19210879.3	
3736372	Whirlpool Corporation	04/05/2020	3736372	20172823.5	
3736436	Siemens Gamesa Renewable Energy A/S	09/05/2019	3736436	19173547.1	
3736656	Alps Alpine Co., Ltd.	04/10/2018	3736656	18898931.3	
3737432	Boston Scientific Scimed Inc.	11/01/2019	3737432	19703448.1	
3737799	Jencol Innovations, LLC	10/01/2019	3737799	19738325.0	
3737816	Hettich-ONI GmbH & Co. KG	08/01/2019	3737816	19700645.5	German
3738352	Sony Group Corporation	03/01/2019	3738352	19700026.8	
3739146	Müller, Franz-Josef	08/05/2020	3739146	20173604.8	German
3739601	Infineon Technologies Austria AG	17/05/2019	3739601	19175151.0	
3739931	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12/01/2018	3739931	18900328.8	
3740644	Halliburton Energy Services, Inc.	06/04/2018	3740644	18913322.6	
3741209	Unicharm Corporation	13/05/2020	3741209	20174313.5	
3741220	Shenyang Normal University	30/05/2019	3741220	19814704.3	
3741476	Schleuniger AG	20/05/2019	3741476	19175428.2	German
3741799	Nabaltec AG	21/05/2019	3741799	19175581.8	German
3742570	General Electric Company	15/05/2020	3742570	20175016.3	
3742630	CLOUDMINDS ROBOTICS Co., Ltd.	09/07/2019	3742630	19854828.1	
3742757	ams International AG	22/05/2019	3742757	19175935.6	
3742956	Visotec GmbH	25/01/2019	3742956	19701842.7	German
3743203	CASALE SA	14/01/2019	3743203	19700298.3	
3743210	APTAR France SAS	25/01/2019	3743210	19710021.7	French

3743284	Hewlett-Packard Development Company, L.P.	22/08/2018	3743284	18909286.9	
3743313	NOVARES France	25/01/2019	3743313	19710022.5	French
3743406	TMEM16A LIMITED	25/01/2019	3743406	19702958.0	
3743713	Vehicle Service Group, LLC	25/01/2019	3743713	19743320.4	
3743962	HARTING Electric GmbH & Co. KG	08/01/2019	3743962	19701963.1	German
3745610	Andrew Wireless Systems GmbH	23/10/2015	3745610	20169337.1	
3745742	Mobvoi Information Technology Company Limited	18/05/2018	3745742	18723657.5	
3745810	Samsung Electronics Co., Ltd.	14/05/2020	3745810	20174608.8	
3746173	Becton, Dickinson and Company	30/01/2019	3746173	19705055.2	
3747245	Eurotech S.P.A.	31/01/2019	3747245	19707507.0	
3748185	Jing-Jin Electric Technologies Co., Ltd	03/01/2019	3748185	19774919.5	
3748416	BOE TECHNOLOGY GROUP CO., LTD.	25/09/2018	3748416	18857419.8	
3748839	Hamilton Sundstrand Corporation	29/11/2019	3748839	19212675.3	
3750684	B.V. Holdingmaatschappij B.S.M.F.	28/05/2020	3750684	20177198.7	
3750769	BYD Company Limited	28/01/2019	3750769	19751602.4	
3750775	Siemens Mobility Austria GmbH	04/06/2020	3750775	20178355.2	German
3751167	ZF CV Systems Europe BV	11/06/2019	3751167	19179446.0	German
3751418	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	13/03/2019	3751418	19767053.2	
3751558	Esaote S.p.A.	12/06/2019	3751558	19179597.0	
3751885	SoftBank Corp.	22/01/2019	3751885	19750866.6	
3752144	Merck Sharp & Dohme LLC	11/02/2019	3752144	19754182.4	
3753258	BlackBerry Limited	09/04/2019	3753258	19719066.3	
3753632	Ningbo Institute of Materials Technology & Engineering, Chinese Academy of Sciences	29/09/2018	3753632	18935587.8	
3753833	Robert Bosch GmbH	08/02/2019	3753833	19710776.6	
3753979	ADEKA CORPORATION	07/02/2019	3753979	19754434.9	
3754210	Ronnenberg, Dieter Ortwein, Ernst-Georg	19/05/2018	3754210	20000259.0	German
3754740	Samsung Display Co., Ltd.	19/06/2020	3754740	20181216.1	
3754853	Socionext Inc.	17/06/2019	3754853	19180669.4	

3755027	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	16/03/2018	3755027	18909835.3	
3756594	Covidien LP	26/06/2020	3756594	20182478.6	
3756904	Montres Breguet S.A.	28/06/2019	3756904	19183325.0	French
3757100	Novald GmbH	25/06/2019	3757100	19182224.6	
3757688	SICK AG	24/06/2019	3757688	19181916.8	German
3757853	Intel Corporation	17/03/2020	3757853	20163670.1	
3758988	Robert Bosch GmbH	07/01/2019	3758988	19700860.0	German
3758989	Robert Bosch GmbH	07/01/2019	3758989	19700861.8	German
3759562	DeepMap Inc.	01/03/2019	3759562	19761697.2	
3759818	SHENZHEN GOODIX TECHNOLOGY CO., LTD.	15/10/2019	3759818	19920624.4	
3759897	Nerudia Ltd.	13/02/2019	3759897	19704811.9	
3760462	Kawasaki Motors, Ltd.	29/06/2020	3760462	20182917.3	
3760503	CNH Industrial Italia S.p.A.	06/07/2020	3760503	20184118.6	
3760838	Raytheon Technologies Corporation	18/06/2020	3760838	20180935.7	
3760987	Koskisen Oy	03/07/2019	3760987	19184134.5	German
3761155	Wacom Co., Ltd.	19/04/2016	3761155	20192060.0	
3761565	Telia Company AB	30/06/2020	3761565	20183090.8	
3762207	Windmüller & Hölscher KG	01/03/2019	3762207	19709421.2	German
3762443	Evonik Operations GmbH	04/03/2019	3762443	19708533.5	
3763140	BlackBerry Limited	04/04/2019	3763140	19716384.3	
3763470	SSAB Technology AB	09/07/2019	3763470	19185119.5	
3763481	ACP Systems AG	10/07/2020	3763481	20185295.1	German
3763945	MITSUBISHI HEAVY INDUSTRIES ENGINE & TURBOCHARGER, LTD.	11/06/2018	3763945	18922482.7	
3764211	Vivo Mobile Communication Co., Ltd.	15/02/2019	3764211	19764501.3	
3764458	MD Elektronik GmbH	05/03/2020	3764458	20161133.2	German
3764736	Huawei Technologies Co., Ltd.	03/04/2019	3764736	19781660.6	
3764857	Melitta Professional Coffee Solutions GmbH & Co. KG	06/03/2019	3764857	19709881.7	German
3765299	Espera-Werke GmbH	26/02/2019	3765299	19708068.2	German
3766200	QUALCOMM INCORPORATED	14/03/2019	3766200	19713989.2	
3766362	The Coca-Cola Company PureCircle Sdn Bhd	03/10/2016	3766362	20170361.8	

3766364	China Tobacco Yunnan Industrial Co., Ltd	28/05/2019	3766364	19806082.4	
3766832	Mitsui Mining & Smelting Co., Ltd.	06/11/2019	3766832	19882913.7	
3766961	Axenoll Life Sciences AG	18/07/2019	3766961	19187072.4	German
3767092	Raytheon Technologies Corporation	14/07/2020	3767092	20185801.6	
3767517	TDK Corporation	27/02/2019	3767517	19767397.3	
3767857	Telefonaktiebolaget LM Ericsson (publ)	16/10/2018	3767857	20190707.8	
3768197	Otto Bock Healthcare Products GmbH	15/03/2019	3768197	19712164.3	German
3768199	Otto Bock Healthcare Products GmbH	15/03/2019	3768199	19712163.5	German
3768213	Mahoney, Ormonde, M.	22/04/2019	3768213	19792907.8	
3768354	Becton, Dickinson and Company	19/03/2019	3768354	19715310.9	
3768565	Rail Cargo Austria Aktiengesellschaft	19/03/2019	3768565	19712555.2	German
3768820	National Research Council of Canada	20/03/2019	3768820	19772499.0	
3768992	DewertOkin Technology Group Co., Ltd.	22/03/2019	3768992	19713014.9	German
3768993	DewertOkin Technology Group Co., Ltd.	22/03/2019	3768993	19713015.6	German
3770153	Kureha Corporation	14/02/2019	3770153	19770880.3	
3770200	Sherwin-Williams Coatings Deutschland GmbH	20/07/2020	3770200	20186778.5	German
3770357	Marcel Boschung AG	23/07/2019	3770357	19187919.6	German
3770528	Valmex S.p.A.	11/07/2017	3770528	20189876.4	
3770703	Siemens Aktiengesellschaft	22/07/2019	3770703	19187557.4	
3770718	Alps Alpine Co., Ltd.	13/02/2019	3770718	19771981.8	
3771169	HUAWEI TECHNOLOGIES CO., LTD.	25/04/2019	3771169	19853179.0	
3771827	Robert Bosch GmbH	27/07/2020	3771827	20187851.9	German
3771974	Samsung Display Co., Ltd.	29/07/2020	3771974	20188274.3	
3773799	Fresenius Medical Care Deutschland GmbH	04/04/2019	3773799	19718589.5	German
3774010	SEB S.A.	08/03/2019	3774010	19709726.4	French
3774860	Eli Lilly and Company	29/03/2019	3774860	19725879.1	
3776623	Technische Universität München	05/04/2019	3776623	19714459.5	
3776704	3M Innovative Properties Company	11/04/2019	3776704	19725858.5	
3777851	Xomics Biopharma, Inc.	15/07/2016	3777851	20198351.7	
3778315	Clarion Co., Ltd.	12/03/2019	3778315	19775288.4	
3778316	ROSEMOUNT AEROSPACE INC.	25/11/2019	3778316	19211285.2	

3778396	B/E Aerospace, Inc.	13/02/2020	3778396	20157124.7	
3779416	NIPPON STEEL CORPORATION	10/04/2019	3779416	19784726.2	
3779508	Veoneer Sweden AB	26/11/2019	3779508	19211579.8	
3780054	Alps Alpine Co., Ltd.	28/02/2019	3780054	19784917.7	
3781755	Pacarada, Elvir Pacarada, Ernest	22/06/2020	3781755	20746105.4	German
3782264	Renault s.a.s NISSAN MOTOR CO., LTD.	11/04/2019	3782264	19715945.2	French
3782504	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	09/07/2020	3782504	20184876.9	
3782696	Battelle Memorial Institute	02/06/2016	3782696	20199221.1	
3783076	Showa Denko Materials Co., Ltd.	16/04/2018	3783076	18915090.7	
3783242	ZF CV Systems Global GmbH	22/08/2019	3783242	19193161.7	German
3783243	ZF CV Systems Global GmbH	22/08/2019	3783243	19193160.9	German
3783644	Commissariat à l'Energie Atomique et aux Energies Alternatives	11/08/2020	3783644	20190405.9	French
3784444	Schaeffler Technologies AG & Co. KG	12/04/2019	3784444	19720039.7	German
3784533	Federal-Mogul S.A.	26/04/2018	3784533	18724151.8	
3784928	Andritz Oy	25/04/2019	3784928	19792427.7	
3785185	University of Maryland, College Park IonQ, Inc.	22/07/2019	3785185	19749525.2	
3786070	Lufthansa Technik AG	14/08/2020	3786070	20191114.6	German
3786995	Ligna Energy AB	02/09/2019	3786995	19194900.7	
3788724	Telefonaktiebolaget LM Ericsson (publ)	04/05/2018	3788724	18722982.8	
3788802	Sivantos Pte. Ltd.	05/02/2019	3788802	19703315.2	German
3789216	Sumitomo Rubber Industries, Ltd.	11/08/2020	3789216	20190475.2	
3790497	Epiphanostics GmbH	05/05/2019	3790497	19725927.8	German
3791099	Saint-Gobain Pam Canalisation	07/05/2019	3791099	19722608.7	French
3791161	STENON GMBH	08/05/2019	3791161	19725292.7	German
3791779	Jointvue, LLC	04/02/2014	3791779	20203709.9	
3792568	Mitsubishi Electric Corporation	10/05/2018	3792568	18918248.8	
3792674	Jiangxi Lianchuang Electronic Co., Ltd.	30/04/2019	3792674	19819966.3	
3792751	TOYOTA JIDOSHA KABUSHIKI KAISHA	04/08/2020	3792751	20189343.5	
3792896	Honeywell International Inc.	02/09/2020	3792896	20194210.9	

3792917	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	22/03/2019	3792917	19800273.5	
3793973	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	18/05/2018	3793973	18727231.5	German
3794312	Microsoft Technology Licensing, LLC	18/06/2019	3794312	19735083.8	
3795091	Boston Scientific Scimed, Inc.	16/11/2009	3795091	20202729.8	
3795608	Tokuyama Corporation	16/05/2019	3795608	19804383.8	
3796060	Fujikura Ltd.	09/10/2019	3796060	19870931.3	
3796094	CANON KABUSHIKI KAISHA	16/09/2020	3796094	20196374.1	
3797186	JVC HOLDING SRL	01/07/2019	3797186	19733513.6	
3797228	ZF CV Systems Europe BV	23/05/2018	3797228	18730651.9	German
3798430	Marelli Corporation	28/03/2019	3798430	19806895.9	
3798856	Intel Corporation	17/06/2020	3798856	20180443.2	
3799088	Schneider Electric Industries SAS	30/09/2020	3799088	20306129.6	
3799164	Contemporary Amperex Technology Co., Limited	14/07/2020	3799164	20819609.7	
3799257	HUAWEI TECHNOLOGIES CO., LTD.	24/09/2019	3799257	19902660.0	
3799407	Nokia Technologies Oy	26/09/2019	3799407	19199874.9	
3800546	Intel Corporation	26/05/2016	3800546	20209381.1	
3800639	Dolby Laboratories Licensing Corporation	21/03/2016	3800639	20204378.2	
3801140	Parcert Limited	30/05/2019	3801140	19737188.3	
3802158	Bridgestone Europe NV/SA	27/05/2019	3802158	19737233.7	
3802248	BREMBO S.p.A.	24/05/2019	3802248	19732132.6	
3803038	Saudi Arabian Oil Company Wireless Instrumentation Systems AS	17/05/2019	3803038	19728296.5	
3803903	Oxford University Innovation Limited	10/05/2019	3803903	19724584.8	
3804050	Imagine Optic	31/05/2019	3804050	19731607.8	French
3805059	ZF CV Systems Global GmbH	07/10/2019	3805059	19201708.5	German
3805061	VOLKSWAGEN AG	26/08/2020	3805061	20192885.0	German
3805167	SCHOTT AG	06/10/2020	3805167	20200182.2	German
3805533	Purem GmbH	15/01/2020	3805533	20210555.7	German
3806178	Contemporary Amperex Technology Co., Limited	31/07/2020	3806178	20827983.6	
3806286	NISSAN MOTOR CO., LTD.	28/05/2018	3806286	18920835.8	
3806674	Philip Morris Products S.A.	13/06/2019	3806674	19731664.9	

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3809588	NSK LTD.	07/02/2020	3809588	20756281.0	
3810504	Università degli Studi di Roma "La Sapienza"	20/06/2019	3810504	19746165.0	
3812217	MAGNA STEYR Fahrzeugtechnik GmbH & Co KG	22/10/2019	3812217	19204590.4	German
3812788	Institute of Electronics, Chinese Academy of Sciences	05/05/2020	3812788	20172991.0	
3812936	Advanced New Technologies Co., Ltd.	19/09/2019	3812936	19883766.8	
3814403	Alveole Centre national de la recherche scientifique Université de Bordeaux	27/06/2019	3814403	19740491.6	French
3814845	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	22/05/2019	3814845	19870556.8	
3815377	HUAWEI TECHNOLOGIES CO., LTD.	16/07/2019	3815377	19837624.6	
3815555	JAPAN TOBACCO INC.	28/10/2020	3815555	20204364.2	
3815809	Bollhoff Oталu S.A.	04/11/2019	3815809	19290112.2	
3816910	Advanced New Technologies Co., Ltd.	29/08/2019	3816910	19874820.4	
3817224	NXP USA, Inc.	08/10/2020	3817224	20200886.8	
3817268	LG Electronics Inc.	12/08/2019	3817268	19847518.8	
3817373	JVCKenwood Corporation	18/07/2019	3817373	19844974.6	
3817862	Nouryon Chemicals International B.V.	01/07/2019	3817862	19734399.9	
3818098	SABIC Global Technologies B.V.	28/06/2019	3818098	19733059.0	
3818232	Saint-Gobain Glass France	25/06/2019	3818232	19733026.9	German
3818636	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	06/07/2018	3818636	18739832.6	
3818767	Sony Group Corporation	08/08/2019	3818767	19750125.7	
3819433	BAUER Spezialtiefbau GmbH	06/11/2019	3819433	19207440.9	German
3819472	Raytheon Technologies Corporation	04/11/2020	3819472	20205740.2	
3819972	Helmholtz-Zentrum hereon GmbH	08/11/2019	3819972	19208033.1	
3820821	Damann, Volker	12/07/2018	3820821	18746614.9	German
3820956	Certoplast Technische Klebebänder GmbH	26/03/2019	3820956	19714196.3	German
3821247	MEON Medical Solutions GmbH & Co KG	11/07/2019	3821247	19742670.3	German
3822107	Visteon Global Technologies, Inc.	14/11/2019	3822107	19209117.1	

3822435	Kiekert AG	12/11/2020	3822435	20207207.0	German
3822541	General Electric Company	06/11/2020	3822541	20206289.9	
3823171	HENSOLDT Sensors GmbH	15/11/2019	3823171	19209503.2	
3823277	SAGEMCOM BROADBAND SAS	03/11/2020	3823277	20205567.9	French
3823861	Bayerische Motoren Werke Aktiengesellschaft	11/06/2019	3823861	19731899.1	German
3824396	Microsoft Technology Licensing, LLC	18/06/2019	3824396	19739780.5	
3824523	Siemens Aktiengesellschaft	20/08/2018	3824523	18769918.6	
3824759	Zobebe Holding SpA	19/11/2019	3824759	19210007.1	
3824794	ATMOS MedizinTechnik GmbH & Co. KG	20/11/2019	3824794	19210433.9	German
3825518	Raytheon Technologies Corporation	19/11/2020	3825518	20208571.8	
3825546	General Electric Company	19/11/2020	3825546	20208698.9	
3826306	NTT DoCoMo, Inc.	20/12/2011	3826306	20217808.3	
3826823	Tecnica S.r.l.	11/07/2019	3826823	19768893.0	
3826883	Magna Seating Inc.	11/10/2019	3826883	19871732.4	
3827782	Majidi, Amirhossein	21/10/2020	3827782	20203151.4	
3828112	Saurer Spinning Solutions GmbH & Co. KG	25/11/2020	3828112	20209664.0	German
3828394	FPT Motorenforschung AG	24/11/2020	3828394	20209600.4	
3828676	Beijing Xiaomi Mobile Software Co., Ltd.	09/10/2020	3828676	20201123.5	
3828873	Shenzhen Infiled Electronics Co., Ltd	13/11/2019	3828873	19924637.2	
3832296	Sinocare Inc.	25/04/2019	3832296	19840187.9	
3832954	Panasonic Intellectual Property Corporation of America	25/07/2019	3832954	19840645.6	
3833222	ambigence GmbH & Co. KG	05/08/2019	3833222	19752464.8	German
3835525	Häfele SE & Co KG	18/11/2020	3835525	20208324.2	German
3835539	Büdenbender, Arnd	13/12/2019	3835539	19215877.2	German
3835805	ORANGE	16/11/2020	3835805	20207696.4	French
3836104	Carrier Corporation	17/11/2020	3836104	20208139.4	
3836355	Meidensha Corporation	26/06/2019	3836355	19860249.2	
3836428	HUAWEI TECHNOLOGIES CO., LTD.	31/08/2018	3836428	18931644.1	
3836567	Sivantos Pte. Ltd.	25/11/2020	3836567	20209873.7	German
3837041	Sulzer Management AG	06/08/2019	3837041	19746505.7	

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3838769	MULTIVAC Sepp Haggemüller SE & Co. KG	26/11/2020	3838769	20210091.3	German
3842009	Tokuyama Dental Corporation	15/08/2019	3842009	19851527.2	
3843311	LG Electronics Inc.	02/10/2019	3843311	19870030.4	
3843419	Sennheiser electronic GmbH & Co. KG	24/11/2020	3843419	20209487.6	German
3844363	Aanco (UK) Limited	20/05/2019	3844363	19726125.8	
3844448	Illinois Tool Works Inc.	27/08/2019	3844448	19765614.3	
3844840	International Business Machines Corporation	15/08/2019	3844840	19755893.5	
3845429	Beijing Baidu Netcom Science and Technology Co., Ltd.	09/04/2021	3845429	21167658.0	
3845812	General Electric Company	27/10/2020	3845812	20204212.3	
3846452	JVCKenwood Corporation	22/07/2019	3846452	19856053.4	
3847339	SAFRAN AIRCRAFT ENGINES	26/08/2019	3847339	19774140.8	French
3848759	NOK Corporation	29/08/2019	3848759	19857830.4	
3849198	TAGIVAN II LLC	06/11/2012	3849198	21158451.1	
3849199	TAGIVAN II LLC	06/11/2012	3849199	21158463.6	
3850159	GustoMSC B.V.	12/09/2019	3850159	19783159.7	
3850176	Hettich-ONI GmbH & Co. KG	06/09/2019	3850176	19765996.4	German
3851508	The Lubrizol Corporation	28/08/2017	3851508	21150240.6	
3851634	Raytheon Technologies Corporation	20/11/2020	3851634	20208865.4	
3852629	Idris Oncology B.V.	23/09/2019	3852629	19828853.2	
3852895	Universal City Studios LLC	04/09/2019	3852895	19769354.2	
3853015	Magna Seating Inc.	04/12/2019	3853015	19828426.7	
3855035	Raytheon Technologies Corporation	21/01/2021	3855035	21152783.3	
3855158	Hioki E.E. Corporation	22/01/2021	3855158	21153049.8	
3856314	Löwenstein Medical Technology S.A.	24/01/2019	3856314	19702059.7	German
3856555	VALEO SYSTEMES THERMIQUES	26/09/2019	3856555	19795281.5	French
3858105	Smart Packaging Solutions	17/09/2019	3858105	19782647.2	French
3858539	China Ship Scientific Research Center (the 702 Institute of China Shipbuilding Industry Corporation)	11/06/2019	3858539	19916527.5	
3858641	Sumitomo Rubber Industries, Ltd.	07/01/2021	3858641	21150450.1	
3858714	Dennison Trailers Unlimited Company	18/11/2020	3858714	20208478.6	
3859271	Microstudio S.r.l.	29/01/2021	3859271	21154383.0	
3859975	STMicroelectronics S.r.l.	15/01/2021	3859975	21151784.2	

3860100	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	25/11/2019	3860100	21161817.8	
3860474	Biosense Webster (Israel) Ltd.	24/09/2019	3860474	19779187.4	
3861230	Westdeutscher Drahtseil-Verkauf Dolezych GmbH & Co. KG	02/10/2019	3861230	19782595.3	German
3862200	Ningbo Geely Automobile Research & Development Co., Ltd. Zhejiang Geely Holding Group Co., Ltd.	04/02/2020	3862200	20155404.5	
3862204	TOYOTA JIDOSHA KABUSHIKI KAISHA	25/01/2021	3862204	21153345.0	
3862228	Volkswagen Aktiengesellschaft	05/02/2021	3862228	21155417.5	German
3862489	Sol Solution	04/02/2021	3862489	21155184.1	French
3862633	Schmid, Christian Peter	17/09/2020	3862633	20196578.7	German
3863497	Siview SAS	27/09/2019	3863497	19773466.8	French
3863884	TESCA Pacific	08/10/2019	3863884	19783040.9	French
3864317	Hitachi Astemo France	27/11/2019	3864317	19868190.0	French
3865091	Aesculap AG	15/02/2021	3865091	21157023.9	German
3865351	Guidosimplex S.r.l.	15/02/2021	3865351	21157047.8	
3865908	Institute of Electronics, Chinese Academy of Sciences	27/05/2020	3865908	20176890.0	
3867545	Hitachi Astemo France	13/11/2019	3867545	19829273.2	French
3870336	Volvo Construction Equipment AB	25/10/2018	3870336	18795494.6	
3871824	Lockheed Martin Corporation	29/09/2020	3871824	20199053.8	
3872157	Henkel AG & Co. KGaA	16/02/2021	3872157	21157270.6	German
3872222	AB Sandvik Coromant	28/02/2020	3872222	20159982.6	
3872302	Toshiba Energy Systems & Solutions Corporation	09/02/2021	3872302	21155992.7	
3872398	Seat, S.A.	19/02/2021	3872398	21158115.2	
3873702	KEBA Industrial Automation GmbH	28/10/2019	3873702	19816499.8	German
3874196	Signify Holding B.V.	21/10/2019	3874196	19787278.1	
3874691	Commissariat à l'Energie Atomique et aux Energies Alternatives	27/11/2019	3874691	19868186.8	French
3875147	Elekta Instrument AB	25/02/2021	3875147	21159430.4	
3875771	LG Electronics Inc.	04/03/2021	3875771	21160599.3	
3875922	J.C. Bamford Excavators Limited	17/07/2014	3875922	21170239.4	

3876101	SHENZHEN HEYTAP TECHNOLOGY CO., LTD. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	19/11/2018	3876101	18941018.6	
3876330	Commissariat à l'énergie atomique et aux énergies alternatives Centre National de la Recherche Scientifique	26/02/2021	3876330	21159704.2	French
3876658	HUAWEI TECHNOLOGIES CO., LTD.	09/01/2018	3876658	21169206.6	
3876756	Bertocchi, Alessandro	08/11/2019	3876756	19821199.7	
3876763	Juul Labs, Inc.	05/11/2019	3876763	19835943.2	
3877098	ArcelorMittal	05/11/2019	3877098	19798412.3	
3877193	Hueck Folien Gesellschaft m.b.H. Banque De France	08/11/2019	3877193	19821234.2	German
3877250	Volvo Penta Corporation	08/11/2018	3877250	18803596.8	
3877321	Polykeg S.r.l.	08/11/2019	3877321	19820846.4	
3877583	Bochemie A.S.	06/11/2019	3877583	19805516.2	
3877628	SAFRAN AIRCRAFT ENGINES	08/11/2019	3877628	19818233.9	French
3877665	BorgWarner Sweden AB	08/11/2019	3877665	19808705.8	
3878311	Lumson S.p.A.	09/03/2021	3878311	21161533.1	
3878812	LG Chem, Ltd.	28/08/2020	3878812	20865192.7	
3879376	The Boeing Company	24/01/2021	3879376	21153124.9	
3880297	Medtronic, Inc.	13/11/2019	3880297	19817843.6	
3880321	Zagury, Alain	13/11/2019	3880321	19801880.6	French
3880436	Stratasys, Inc.	12/11/2019	3880436	19836190.9	
3880446	BD Invent SA	14/11/2019	3880446	19801373.2	French
3880720	Coatex	14/11/2019	3880720	19884682.6	French
3880913	Kiekert AG	31/10/2019	3880913	19804624.5	German
3881383	Commissariat à l'énergie atomique et aux énergies alternatives	04/11/2019	3881383	19829262.5	French
3881424	GE Energy Power Conversion Technology Ltd	12/11/2019	3881424	19798661.5	French
3881763	Tianjin Huahong Technology Co., Ltd.	18/03/2021	3881763	21163524.8	
3882000	Sumitomo Heavy Industries, Ltd.	16/03/2021	3882000	21162710.4	
3882083	Moser, Michael	14/01/2021	3882083	21151671.1	German

3883097	LG Magna e-Powertrain Co., Ltd.	11/11/2020	3883097	20206949.8	
3883429	Szabolcs, János	20/11/2019	3883429	19850771.7	
3883583	Waterdiam Group LLC	21/11/2019	3883583	19813432.2	French
3883671	Linde GmbH	05/11/2019	3883671	19805140.1	German
3883836	Thales Management & Services Deutschland GmbH	19/11/2019	3883836	19809401.3	German
3884261	Schaeffler Technologies AG & Co. KG	06/08/2019	3884261	19761725.1	German
3884656	Safran Electronics & Defense	20/11/2019	3884656	19802208.9	French
3884673	Dolby Laboratories Licensing Corporation	15/11/2019	3884673	19818370.9	
3884873	JVCKenwood Corporation	11/09/2019	3884873	19903084.2	
3884893	Olympus Winter & Ibe GmbH	18/03/2021	3884893	21163547.9	German
3885167	Sumitomo Rubber Industries, Ltd.	25/02/2021	3885167	21159174.8	
3885244	Arcusin, Carlos Eduardo Ganzabal Liberati, Alejandro Roman	19/11/2018	3885244	18855149.3	
3885248	Arcusin, Carlos Eduardo Ganzabal Liberati, Alejandro Roman	19/11/2018	3885248	18855150.1	
3885512	Hoffman, James P. Hoffman, Jeremy P.	30/06/2016	3885512	21175277.9	
3885946	Cleafy Società per Azioni	23/03/2021	3885946	21164170.9	
3886771	Ottobock SE & Co. KGaA	26/11/2019	3886771	19812744.1	German
3886962	B. Braun Melsungen AG	28/11/2019	3886962	19817168.8	
3887008	Audi AG	21/05/2019	3887008	19727598.5	German
3887063	Johnson Matthey Public Limited Company	26/11/2019	3887063	19816406.3	
3887207	PSA Automobiles SA	04/11/2019	3887207	19835440.9	French
3887236	PSA Automobiles SA	07/11/2019	3887236	19820834.0	French
3887252	Saudi Arabian Oil Company King Abdullah University Of Science And Technology	26/11/2019	3887252	19888236.7	
3887415	Blue Solutions Institut Polytechnique de Grenoble Aix-Marseille Université Centre national de la recherche scientifique	25/11/2019	3887415	19868175.1	French
3887606	Soletanche Freyssinet	26/11/2019	3887606	19868229.6	French
3887614	Peikko Group Oy	27/11/2019	3887614	19817802.2	

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3888391	Samsung Electronics Co., Ltd.	06/01/2020	3888391	20736117.1	
3888799	Volkswagen Aktiengesellschaft	02/03/2021	3888799	21160181.0	German
3889018	HONDA MOTOR CO., LTD.	28/11/2019	3889018	19890358.5	
3889237	Beckman Coulter, Inc.	14/04/2017	3889237	21156248.3	
3889463	Getrag Ford Transmissions GmbH	18/02/2021	3889463	21157772.1	German
3889495	Hasco Vision Technology Co., Ltd.	12/11/2019	3889495	19917016.8	
3889683	Commissariat à l'Energie Atomique et aux Energies Alternatives	29/03/2021	3889683	21165587.3	French
3889975	Longke Electronics (Huiyang) Co., Ltd.	13/11/2020	3889975	20207391.2	
3890007	Denka Company Limited	19/11/2019	3890007	19890026.8	
3890652	3M Innovative Properties Company	22/11/2019	3890652	19813148.4	
3890810	Erasmus University Medical Center Rotterdam Politecnico di Milano	02/12/2019	3890810	19816949.2	
3891024	PSA Automobiles SA	29/11/2019	3891024	19835462.3	French
3891401	SAFRAN AIRCRAFT ENGINES	29/11/2019	3891401	19835458.1	French
3891421	Caterpillar Inc.	14/11/2019	3891421	19818349.3	
3891630	Huawei Technologies Co., Ltd.	25/01/2019	3891630	19701654.6	
3892022	Thales Dis France SAS	21/11/2019	3892022	19805326.6	
3892124	KT&G Corporation	29/12/2020	3892124	20873339.4	
3892319	Fisher & Paykel Healthcare Limited	21/02/2014	3892319	21177409.6	
3892486	Eberspächer Climate Control Systems GmbH	08/03/2021	3892486	21161161.1	German
3892744	JFE Steel Corporation	26/08/2019	3892744	19891967.2	
3892810	Hodapp GmbH & Co. KG	08/04/2020	3892810	20168810.8	German
3892872	ABB Oy	08/04/2020	3892872	20168637.5	
3892910	L'Air Liquide, société anonyme pour l'Étude et l'Exploitation des procédés Georges Claude	18/03/2021	3892910	21163460.5	French
3892938	NEXTracker, Inc.	31/05/2016	3892938	21174126.9	French
3893460	Juniper Networks, Inc.	09/07/2020	3893460	20185025.2	
3893836	Dow Global Technologies LLC Rohm and Haas Company Dow Silicones Corporation	03/12/2019	3893836	19824177.0	
3894223	Eastman Kodak Company	26/11/2019	3894223	19850831.9	
3894246	PSA Automobiles SA	29/11/2019	3894246	19870039.5	French
3894251	PSA Automobiles SA	19/11/2019	3894251	19823807.3	French

3894300	Henkst, Peter	30/01/2020	3894300	20715669.6	German
3894446	Ecole d'Ingenieurs de Purpan Institute National Polytechnique de Toulouse UNIVERSITE PAUL SABATIER TOULOUSE III CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	14/01/2020	3894446	20706565.7	French
3894458	DELO Industrie Klebstoffe GmbH & Co. KGaA	28/11/2019	3894458	19816561.5	German
3894533	Dow Global Technologies LLC Rohm and Haas Company	05/12/2019	3894533	19828108.1	
3895832	COMPOSITE MATERIALS TECHNOLOGY, Inc.	11/08/2017	3895832	21178513.4	
3896232	Komatsu Ltd.	31/03/2020	3896232	20784212.1	
3896484	THALES	31/03/2021	3896484	21166308.3	French
3896863	NXP B.V.	26/03/2021	3896863	21165364.7	
3897054	Huawei Technologies Co., Ltd.	03/02/2019	3897054	19913216.8	
3898387	PSA Automobiles SA	22/11/2019	3898387	19839343.1	French
3899679	Siemens Aktiengesellschaft	24/03/2020	3899679	20718163.7	German
3900034	Siemens Aktiengesellschaft	03/03/2020	3900034	20710841.6	German
3900131	Rittal GmbH & Co. KG	27/11/2019	3900131	19836458.0	German
3900991	ZF CV Systems Global GmbH	07/04/2021	3900991	21167169.8	German
3901008	MAZDA MOTOR CORPORATION	19/03/2021	3901008	21163671.7	
3901493	Yamaha Hatsudoki Kabushiki Kaisha	06/02/2020	3901493	20752825.8	
3901776	NXP USA, Inc.	16/04/2021	3901776	21168816.3	
3901949	HUAWEI TECHNOLOGIES CO., LTD.	21/08/2018	3901949	21160112.5	
3902493	St. Jude Medical, Cardiology Division, Inc.	01/05/2020	3902493	20727773.2	
3902780	Dow Global Technologies LLC	16/12/2019	3902780	19839298.7	
3902811	Samsung Display Co., Ltd.	25/11/2019	3902811	19823878.4	

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3903058	DAIKIN INDUSTRIES, LTD. Daikin Europe N.V.	28/12/2018	3903058	18836928.4	
3903440	Siemens Aktiengesellschaft	13/01/2020	3903440	20702213.8	German
3904015	ABB Schweiz AG	30/04/2021	3904015	21171593.3	
3904215	AIRBUS HELICOPTERS DEUTSCHLAND GmbH	30/04/2020	3904215	20400006.1	
3904283	Panasonic Intellectual Property Management Co., Ltd.	29/11/2019	3904283	19904950.3	
3904959	Shin-Etsu Chemical Co., Ltd.	11/03/2021	3904959	21162139.6	
3905626	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	29/03/2019	3905626	19922297.7	
3905914	NIKE Innovate C.V.	27/12/2019	3905914	19839788.7	
3906315	Beckman Coulter, Inc.	20/12/2019	3906315	19845643.6	
3906549	Google LLC	06/02/2019	3906549	19707535.1	
3906912	Steris	03/05/2021	3906912	21171797.0	French
3907422	Noksel España, S.A.	04/05/2021	3907422	21000124.4	
3907803	Shenzhen Capchem Technology Co., Ltd.	02/01/2020	3907803	20736037.1	
3908873	Centre Scientifique Et Technique Du Batiment (CSTB)	08/01/2020	3908873	20701258.4	French
3909727	SOREMARTEC S.A.	11/05/2021	3909727	21173337.3	
3909776	SCREEN Holdings Co., Ltd.	02/03/2021	3909776	21160106.7	
3909890	Tera Automation S.r.l.	12/05/2021	3909890	21173631.9	
3910660	Xiamen Set Electronics Co., Ltd	20/09/2019	3910660	19919800.3	
3911146	AB Ludvig Svensson	16/01/2020	3911146	20701281.6	
3911292	West Pharma Services IL, Ltd.	07/01/2020	3911292	20701675.9	
3911341	N.V. Nutricia	16/01/2020	3911341	20702576.8	
3911702	Basell Poliolefine Italia S.r.l.	07/01/2020	3911702	20700106.6	
3911873	CNH Industrial Italia S.p.A.	17/01/2020	3911873	20701432.5	
3911905	Seco/Warwick S.A.	10/01/2020	3911905	20708217.3	
3913256	Grimme Landmaschinenfabrik GmbH & Co. KG	19/05/2021	3913256	21174800.9	German
3913283	Mitsubishi Heavy Industries Marine Machinery & Equipment Co., Ltd.	08/01/2020	3913283	20760113.9	
3913321	G.V. Societa' a Responsabilita' Limitata	19/05/2021	3913321	21174662.3	
3913651	Gulfstream Aerospace Corporation	14/05/2021	3913651	21173859.6	

3913718	Contemporary Amperex Technology Co., Limited	24/12/2019	3913718	19957782.6	
3914367	LEGO A/S	22/01/2020	3914367	20701729.4	
3915423	ATK SPORTS S.R.L.	25/05/2021	3915423	21175727.3	
3915721	C.M.S. S.p.A.	27/05/2021	3915721	21176184.6	
3915952	AGC Inc.	26/08/2019	3915952	19917528.2	
3916204	Raytheon Technologies Corporation	21/05/2021	3916204	21175454.4	
3916261	Nabtesco Corporation	23/04/2021	3916261	21170072.9	
3916262	Nabtesco Corporation	23/04/2021	3916262	21170073.7	
3916577	SAP SE	17/05/2021	3916577	21174135.0	
3917300	OVH	29/05/2020	3917300	20315287.1	
3917683	SHISEIDO INTERNATIONAL FRANCE	27/01/2020	3917683	20739740.7	French
3918175	Glass Technology GmbH	28/01/2020	3918175	20703173.3	German
3918495	Slack Technologies, LLC	30/01/2020	3918495	20708904.6	
3919778	Yamaha Hatsudoki Kabushiki Kaisha	28/05/2021	3919778	21176549.0	
3919870	Renesas Electronics America Inc.	02/06/2021	3919870	21177399.9	
3920622	Huawei Technologies Co., Ltd.	23/03/2020	3920622	20774395.6	
3920663	Whirlpool Corporation	04/06/2021	3920663	21177841.0	
3921112	MT Aerospace AG	04/02/2020	3921112	20704797.8	German
3921919	Siemens Aktiengesellschaft	16/04/2020	3921919	20721461.0	German
3922128	Schawbel Technologies LLC	01/04/2016	3922128	21188349.1	
3923535	Baidu USA LLC KunlunXin Technology (Beijing) Company Limited	16/12/2020	3923535	20214542.1	
3924242	Givi S.p.A.	10/02/2020	3924242	20705114.5	
3925736	Commissariat à l'énergie atomique et aux énergies alternatives	14/06/2021	3925736	21179345.0	French
3926084	SHIMA SEIKI MFG., LTD.	10/06/2021	3926084	21178777.5	
3927595	Bayerische Motoren Werke Aktiengesellschaft	14/01/2020	3927595	20700880.6	German
3927797	Chemische Fabrik Budenheim KG	21/02/2020	3927797	20706258.9	German
3927805	UNILEVER GLOBAL IP LIMITED	11/02/2020	3927805	20703259.0	
3928981	Born, Christian Bernhardt, Volker	26/05/2021	3928981	21175857.8	German
3929056	Dellner Couplers AB	01/09/2020	3929056	20193886.7	
3929176	Saltigo GmbH	25/06/2020	3929176	20182396.0	German

*(18/01/2023)**Journal of the Intellectual Property Office of Ireland**(No. 2481)*

3930068	Contemporary Amperex Technology Co., Limited	20/04/2020	3930068	20794184.0	
3930445	Leikermoser, Dieter Reiser, Stephan	16/01/2020	3930445	20701421.8	German
3930983	Covestro Intellectual Property GmbH & Co. KG	17/02/2020	3930983	20704316.7	German
3931089	Liebherr-Aerospace Toulouse SAS	27/02/2020	3931089	20719679.1	French
3931296	Sartorius Stedim Biotech GmbH	15/01/2020	3931296	20701698.1	German
3933220	NOK Corporation	25/02/2020	3933220	20762940.3	
3933484	Commissariat à l'énergie atomique et aux énergies alternatives	18/06/2021	3933484	21180310.1	French
3933943	Nichia Corporation	29/06/2021	3933943	21182546.8	
3934951	Faiveley Transport Italia S.p.A.	06/03/2020	3934951	20713972.6	
3935448	ASML Netherlands B.V.	06/02/2020	3935448	20703998.3	
3936535	Japan Polyethylene Corporation Japan Polypropylene Corporation	27/02/2020	3936535	20767354.2	
3938161	Progress Holding A.G.	20/02/2020	3938161	20706248.0	German
3938238	KOSTAL Automobil Elektrik GmbH & Co. KG	11/03/2020	3938238	20710903.4	German
3939472	Bormioli Luigi S.p.A.	04/05/2021	3939472	21171972.9	
3941307	DYSON TECHNOLOGY LIMITED	25/02/2020	3941307	20709668.6	
3941542	Geistlich Pharma AG	12/06/2020	3941542	20731868.4	
3941633	Oxford University Innovation Limited	18/03/2020	3941633	20715172.1	
3941766	PSA Automobiles SA	08/01/2020	3941766	20700653.7	German
3942129	Somfy Activites SA	18/03/2020	3942129	20711935.5	French
3942336	Koninklijke Philips N.V. Wayne State University	16/03/2020	3942336	20711891.0	
3944408	Contemporary Amperex Technology Co., Limited	17/10/2020	3944408	20879946.0	
3944837	Kabushiki Kaisha Shofu	26/07/2021	3944837	21187579.4	
3945226	TOYOTA JIDOSHA KABUSHIKI KAISHA	08/06/2021	3945226	21178254.5	
3945792	Automated Pet Care Products, LLC	24/04/2020	3945792	20727432.5	
3945964	GEA Food Solutions Bakel B.V.	25/03/2020	3945964	20712976.8	
3946488	Geistlich Pharma AG	12/06/2020	3946488	20731134.1	
3950463	ALSTOM Transport Technologies	04/08/2021	3950463	21189717.8	

3951407	Contemporary Ampere Technology Co., Limited	16/03/2021	3951407	21748483.1	
3953212	Audi AG	09/03/2020	3953212	20710884.6	German
3953572	Perkins Engines Company Limited	07/04/2020	3953572	20717761.9	
3954260	Storyteller Overland, LLC	10/03/2020	3954260	21197493.6	
3954562	Yutong Bus Co., Ltd.	07/04/2020	3954562	20787712.7	
3954717	Formosa Plastics Corporation	10/08/2021	3954717	21190698.7	
3954846	SIEGENIA-AUBI KG	17/06/2021	3954846	21180075.0	German
3955336	KABUSHIKI KAISHA TOSHIBA	09/04/2019	3955336	19924181.1	
3957025	Alipay (Hangzhou) Information Technology Co., Ltd.	03/07/2020	3957025	20897640.7	
3957944	Stoneage, Inc.	25/06/2021	3957944	21181855.4	
3959100	LIIKENNEVIRTA OY / VIRTA LTD	03/11/2020	3959100	20803896.8	
3960524	Japan Aviation Electronics Industry, Limited	12/07/2021	3960524	21184951.8	
3960542	Marelli Automotive Lighting Reutlingen (Germany) GmbH	24/08/2021	3960542	21192900.5	German
3964336	Koenig & Bauer AG	28/07/2021	3964336	21188193.3	German
3965751	ITM Isotope Technologies Munich SE	08/05/2020	3965751	20725500.1	
3966169	Peschl Ultraviolet GmbH	11/05/2020	3966169	20731790.0	German
3967447	Sugino Machine Limited	10/09/2021	3967447	21195876.4	
3969345	VOLVO TRUCK CORPORATION	14/05/2019	3969345	19724447.8	
3971045	Nüwiel GmbH	17/09/2020	3971045	20196699.1	
3972591	Zephapharm Ltd.	12/08/2020	3972591	20760507.2	
3977216	Flender GmbH	11/03/2020	3977216	20714883.4	German
3977883	HOFLER OY	30/09/2020	3977883	20199187.4	
3979107	Rubean AG	02/08/2021	3979107	21189142.9	
3995032	Shenzhen Carku Technology Co., Limited	21/05/2021	3995032	21175459.3	
3995199	Carl Freudenberg KG	05/11/2020	3995199	20205875.6	German
3996538	Visiedge AB	10/07/2019	3996538	19739265.7	
3999765	A. Raymond et Cie	10/07/2020	3999765	20750710.4	French
3999766	A. Raymond et Cie	10/07/2020	3999766	20750709.6	French
4007536	Cilag GmbH International	26/07/2021	4007536	21749328.7	
4008357	GlaxoSmithKline Biologicals SA	31/08/2011	4008357	21208092.3	
4010601	FACC AG	07/10/2020	4010601	20792518.1	German

*(18/01/2023)**Journal of the Intellectual Property Office of Ireland**(No. 2481)*

4019041	The Trustees of the University of Pennsylvania The Children's Hospital of Philadelphia	12/07/2013	4019041	21215762.2	
4027046	Yazaki Corporation	03/01/2022	4027046	22150052.3	
4032828	SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	12/01/2022	4032828	22151222.1	
4039220	Ivoclar Vivadent AG	05/02/2021	4039220	21155529.7	German
4041025	Unilever Global IP Limited	28/09/2020	4041025	20776185.9	
4046324	The Trustees Of The Stevens Institute Of Technology	16/10/2020	4046324	20804394.3	
4047036	Fujifilm Business Innovation Corp.	12/08/2021	4047036	21190965.0	
4047710	Contemporary Amperex Technology Co., Limited	24/12/2020	4047710	20922479.9	
4054919	softwareinmotion GmbH	18/11/2021	4054919	21819027.0	German
4066855	GlaxoSmithKline Biologicals SA	31/08/2011	4066855	22174779.3	

Withdrawn – Section 33(1)

- S20210217 System for Communicating Via a Mobile Application. HAMILTON,
CARLY ELIZABETH
- S20210219 Plastering Trowel. PATRICK DOWNEY; PAUL O'REILLY; MICHAEL
FOY
- S20210220 Mascara Applicator. HAMILTON, CARLY ELIZABETH
- 20220162 Int. Cl. (2022.01)**A61M 25/00**. A NEUROVASCULAR TREATMENT
CATHETER AND APPARATUS. PERFUZE LIMITED
- 20220172 Int. Cl. (2022.01)**B62K 19/00; B62J 11/00; F16M 13/00**. AN
ACCESSORY MOUNTING FOR A BICYCLE. MODMO
TECHNOLOGIES LIMITED
-

Patents Lapsed Through Non-Payment of Renewal Fees

Please note that due to the high volume of lapsed patents (mostly European Patents designating the State which are not subsequently validated), details of these patents are no longer included in the printed version of the Journal. Instead, they are available to view on the online version of the journal at <https://www.ipoi.gov.ie/en/ip-search-tools/search-the-journal/>

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.

2022058 INCYTE HOLDINGS CORPORATION, 1801 Augustine Cut-Off,
Wilmington 19803, United States of America

(15 December 2022)

Patent No: 2099447; IMIDAZOTRIAZINES AND

IMIDAZOPYRIMIDINES AS KINASE INHIBITORS

Product: capmatinib or a pharmaceutically acceptable salt thereof

Market Authorisation: Ireland EU/1/22/1650, 21/06/2022

European Union EU/1/22/1650, 21/06/2022

2022059 GENZYME CORPORATION, 450 Water Street Cambridge, MA
02141, United States of America

(16 December 2022)

Patent No: 2121713; OLIGOSACCHARIDES COMPRISING AN

AMINOXY GROUP AND CONJUGATES THEREOF

Product: Avalglucosidase alfa

Market Authorisation: Ireland EU/1/21/1579, 27/06/2022

European Union EU/1/21/1579, 27/06/2022

- 2022060** TAKEDA VACCINES, INC., 75 Sidney Street Cambridge, MA 02139, United States of America. THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, 4770 Buford Highway Technology Transfer Office (K79), Atlanta, GA 30341, United States of America
(19 December 2022)
Patent No: 3689374; COMPOSITIONS AND METHODS FOR DENGUE VIRUS CHIMERIC CONSTRUCTS IN VACCINES
Product: Dengue tetravalent vaccine (live, attenuated):Dengue virus serotype 1 (live, attenuated), wherein genes of serotype-specific surface proteins are engineered into dengue type 2 backbone Dengue virus serotype 2 (live, attenuated)Dengue virus serotype 3 (live, attenuated), wherein genes of serotype-specific surface proteins are engineered into dengue type 2 backboneDengue virus serotype 4 (live, attenuated), wherein genes of serotype-specific surface proteins are engineered into dengue type 2 backbone
Market Authorisation: Ireland EU/1/22/1699, 05/12/2022
European Union EU/1/22/1699, 05/12/2022
- 2022061** GILEAD SCIENCES, INC., 333 Lakeside Drive Foster City, CA 94404, United States of America
(21 December 2022)
Patent No: 3347352; THERAPEUTIC COMPOUNDS USEFUL FOR THE PROPHYLACTIC OR THERAPEUTIC TREATMENT OF AN HIV VIRUS INFECTION
Product: Lenacapavir or a pharmaceutically acceptable salt thereof, in particular lenacapavir sodium
Market Authorisation: Ireland EU/1/22/1671/001; EU/1/22/1671/002, 19/08/2022
European Union EU/1/22/1671/001; EU/1/22/1671/002, 19/08/2022
-

2022062 BIOGEN MA INC., 14 Cambridge Center Cambridge, Massachusetts
02142, United States of America
(28 December 2022)
Patent No: 2653873; Compositions and uses for treating Multiple
Sclerosis
Product: Dimethyl fumarate
Market Authorisation: Ireland EU/1/13/837/002-003, 30/01/2014
European Union EU/1/13/837/002-003, 30/01/2014

Supplementary Protection Certificates Granted

The name and address of the grantee follows the number allocated to the application for grant of a certificate; this number applies also to the granted certificate. The date in brackets following the name and address is the date of grant 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 is granted. Market authorisation references in respect of the product concerned are also shown, followed by the date of expiry of the certificate.

2013024 ACORDA THERAPEUTICS, INC., 420 Saw Mill River Road, Ardsley, New
York 10502, United States of America
(29/12/2022)
Patent No: 2377536; Methods of Using Sustained Release Aminopyridine
Compositions
Product: 4-aminopyridine (fampridine) or a salt or solvate thereof
Market Authorisation: Ireland EU/1/11/699/001 - EU/1/22/699-002, 20/07/2011
European Union EU/1/11/699/001 - EU/1/22/699 - 002, 20/07/2011
Certificate Expires on: 24/07/2026

Short Term Patent Deemed Void Under Section 64

S87193 Int. Cl. (2022.01) **H02S 30/00**. External solar inverter enclosure.
WOODCO RENEWABLE ENERGY LIMITED

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.

2009022 Amgen K-A, Inc., One Amgen Center Drive, Thousand Oaks CA 91320, United

States of America

(04/02/2022)

Patent No: 1124961; THROMBOPOIETIC COMPOUNDS

Product: Romiplostim

Market Authorisation: Ireland EU/1/08/497/001-002, 04/02/2009

European Union EU/1/08/497/001-002, 04/02/2009

Expiry Date of Extension of SPC: 05/08/2024

Designs Registered Under The Industrial Designs Act, 2001

23430 03.01 Chanel Limited, No. 5, Queensway, Croydon CR9 4DL, United Kingdom
Address for service is c/o Patricia McGovern
Dublin D02 NX53, Ireland

Date of Registration: 09 December 2022.

A handbag strap with plain large links, bag disclaimed.
United Kingdom-05/12/2022



23431 03.01 Chanel Limited, No. 5, Queensway, Croydon CR9 4DL, United Kingdom
Address for service is c/o Patricia McGovern
Dublin D02 NX53, Ireland

Date of Registration: 09 December 2022.

A handbag strap with plain large links. The large links disclaimed, front and back.

United Kingdom-05/12/2022



23432 03.01 Chanel Limited, No. 5, Queensway, Croydon CR9 4DL, United Kingdom
Address for service is c/o Patricia McGovern
Dublin D02 NX53, Ireland

Date of Registration: 09 December 2022.

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United Kingdom-05/12/2022



23433 03.01 Chanel Limited, No. 5, Queensway, Croydon CR9 4DL, United Kingdom
Address for service is c/o Patricia McGovern
Dublin D02 NX53, Ireland

Date of Registration: 09 December 2022.

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United Kingdom-05/12/2022



23434 03.01 Chanel Limited, No. 5, Queensway, Croydon CR9 4DL, United Kingdom
Address for service is c/o Patricia McGovern
Dublin D02 NX53, Ireland

Date of Registration: 09 December 2022.

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United Kingdom-05/12/2022



23435 03.01 Chanel Limited, No. 5, Queensway, Croydon CR9 4DL, United Kingdom
Address for service is c/o Patricia McGovern
Dublin D02 NX53, Ireland

Date of Registration: 09 December 2022.

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United Kingdom-05/12/2022



23436

03.01

Chanel Limited, No. 5, Queensway, Croydon CR9 4DL, United Kingdom
Address for service is c/o Patricia McGovern
Dublin D02 NX53, Ireland

Date of Registration: 09 December 2022.

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United Kingdom-05/12/2022



23437 03.01 Chanel Limited, No. 5, Queensway, Croydon CR9 4DL, United Kingdom
Address for service is c/o Patricia McGovern
Dublin D02 NX53, Ireland

Date of Registration: 09 December 2022.

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United Kingdom-05/12/2022



Renewal of Designs Registered under the Industrial Designs Act, 2001

Registrations renewed for 2nd period of 5 Years

Design Number	Class
22414	25.03

Designs Registered Under The Industrial Designs Act 2001, which have expired due to non-renewal

Design number	Class
21001	09-01
21030	07-01
21513	03-01
21514	03-01
21515	03-01
22159	10.05
22160	10.05
22161	10.05
22162	14.01
22163	14.01
22164	14.01
22165	25.01
22166	08.08
22258	06.13
22259	06.05

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

Cuid II
Trádmharcanna

No. 2481

Wednesday, 18 January, 2023

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

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

Official Notice

Patent Rules 1992 – Rule 77, – Office Closure

The Intellectual Property office of Ireland (IPOI) will be closed for the transaction of business on the following dates:

Monday 6th February 2023

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.

1.1:



2.1:



Application is for a Series of 2 Trade Marks.

267819 24 October 2022

Class 9. Computer software applications, downloadable; Computer application software; Computer application software for mobile telephones; Computer software for creating searchable databases of information and data; Databases; Computer databases; Data processing software; Data processing equipment; Data processing systems; Machine learning software; Computer software for system cleaning and optimization; none of the foregoing relating to financial communications or the

facilitation of financial transactions.

Class 35. Business administration services in the field of transportation; Business administration services; Business management services; Assistance with business planning; Assistance with business management; Assistance relating to business organisation; Outsourcing services in the field of business analytics; Outsourcing services in the field of business operations; information and consultancy services relating to the aforesaid; none of the foregoing relating to financial communications or the facilitation of financial transactions.

Class 39. Transport services; Coach transport; Transportation services; Coach transport services; Bus transport services; Minibus transport services; Transportation information; Transportation logistics; Booking of transport; Provision of information relating to transport; Provision of information relating to road

transport; Provision of information relating to the transportation of passengers; information and consultancy services relating to the aforesaid.

- Class 42. Data warehousing; Data mining; Maintaining databases; Technical data analysis services; Data duplication and conversion services, data coding services; Application service provider (ASP) services, namely, hosting computer software applications of others; Development of computer software application solutions; Installation and customisation of computer applications software; Hosting of digital content on the Internet; Design and development of computer software; Design and development of computer hardware; information and consultancy services relating to the aforesaid; none of the foregoing relating to financial communications or the facilitation of financial transactions.

Huddl Mobility Limited, Portershed, Eyre Square, Galway H91 HY51, Ireland. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland.

5245

267820 25 October 2022

- Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business and Technology Park, Carrigtohill, Co. Cork, Ireland. Address for service is c/o Patricia McGovern, DFMG Solicitors LLP, 38/39, Fitzwilliam Square, Dublin D02 NX53, Ireland.



267821 18 October 2022

- Class 42. Urban planning; Town planning; Design planning; Technological planning services; Technical project planning; Architectural planning services; Planning in relation to town planning and commercial town planning; Town planning consultancy services; Research on urban planning; Planning [design] of buildings; Estates (Planning of building -); Town planning advisory services; Architectural and urban planning services; Planning and design of retail premises; Consultancy services relating to environmental planning; Consultation services relating to architectural planning; Environmental surveys; Environmental testing; Environmental consultancy services; Environmental assessment services; Environmental hazard assessment; Design of controlled environmental buildings; Environmental testing and inspection

services; Research relating to environmental protection; Advisory services relating to environmental protection; Compilation of information relating to environmental conditions; Research in the field of environmental conservation; Research in the field of environmental protection; Environmental protection (Research in the field of -); Research in the area of environmental protection.

MKO, Tuam Road, Galway H91VW84, Ireland.
Address for service is c/o MKO, Tuam Road, Galway H91VW84, Ireland.

The mark in use is/will be in the colour(s) Navy - Pantone 7545 and Green - Pantone 7465C



267822 09 May 2022

Class 29. Fish, not live; frozen fish; tinned fish; canned fish; salted fish; smoked fish; dried fish; preserved fish; fish mousses; fish fingers; fish sticks; fish balls; fish cakes; fish steaks; fish fillets; fish stock; fish paste; prepared fish dishes; frozen meals consisting primarily of fish; shellfish, not live; crayfish, not live; seafood, not live.

Aldi Stores (Ireland) Limited, 67-68 Fitzwilliam Square, Dublin 2, Ireland. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland.

1.1:



2.1:



3.1:



4.1:



5.1:



6.1:



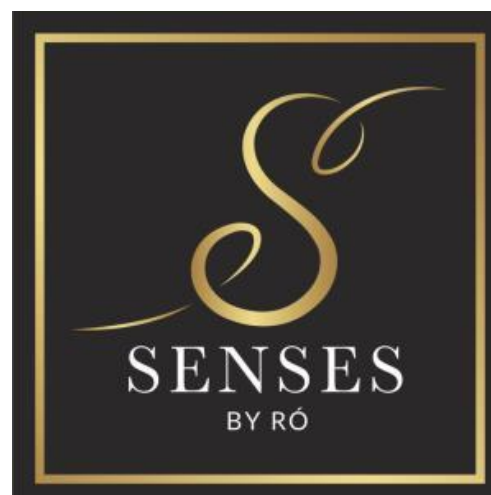
Application is for a Series of 6 Trade Marks.

267823 03 October 2022

- Class 9. Electric-car chargers; smart electric vehicle chargers; electric battery chargers; electric battery system and equipment for supply of electricity to dwellings.
- Class 37. Installation, maintenance and repair of smart electric vehicle chargers; installation, maintenance and repair of

electric battery systems; installation, maintenance and repair of electric power apparatus; installation, maintenance and repair of electricity generators; maintenance and repair of electricity installations; installation of residential and non-residential solar panel power systems; advisory and information services relating to the aforesaid.

Actavo Group Limited, Westland park, Nangor Road, Dublin 12, Ireland. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland.



267824 21 October 2022

- Class 3. Reed diffusers; Liquid soap; Scented room sprays.
- Class 4. Candles.

Senses by Ró, 31 BOYD AVENUE, Honeypark, DUN LAOGHAIRE A96V8X0, Ireland. Address for service is c/o Senses by Ró, 31 BOYD AVENUE, Honeypark, DUN LAOGHAIRE A96V8X0, Ireland.

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

The Sound Sleeper

267825 27 October 2022

Class 41. Training or education services in the field of life coaching.

Selma Neira Arce, 12 Temple view, Dublin A94FD26, Ireland. Address for service is c/o Selma Neira Arce, 12 Temple View, Dublin A94FD26, Ireland.

CAREnival

267826 21 October 2022

Class 41. Festivals (Organisation of -) for recreational purposes.

Lorraine McLaughlin, 134 The Meadow, Petitswood Manor, Mullingar N91F8F8, Ireland. Address for service is c/o Lorraine McLaughlin, 134 The Meadow, Petitswood Manor, Mullingar, Westmeath N91F8F8, Ireland.

CERECORE

267827 27 October 2022

Class 35. Employment agency services in the nature of providing temporary contract employee and employment staffing services in the IT field.

Class 37. Installation and maintenance of wireless network hardware infrastructure.

Class 42. Providing IT consulting services to hospitals, medical facilities, and physicians; providing computer system integration and website hosting services to enable hospitals, medical facilities, and physicians to implement and operate electronic health record systems; designing, implementing, hosting, maintaining, and supporting electronic health records systems comprised of computer hardware and software for hospitals, medical facilities, and physicians; providing computer technical support services, namely, 24/7 service desk or help desk services for IT infrastructure, operating systems, database systems, and web applications; providing data extraction and archiving services in the nature of downloading electronic data and reports from existing sources and electronically storing the data and reports; providing a website with technology that permits users to store, analyze and report medical data; monitoring of technological functions of computer wireless network infrastructure.

C/HCA, Inc., One Park Plaza, Nashville, TENNESSEE 37203, United States of America. Address for service is c/o Tina Rees-Pedlar, c/o Slaters Intellectual Property, 77 Camden Street Lower, Dublin 2 D02 XE80, Ireland.



electronically storing the data and reports; providing a website with technology that permits users to store, analyze and report medical data; monitoring of technological functions of computer wireless network infrastructure.

C/HCA, Inc., One Park Plaza, Nashville, TENNESSEE 37203, United States of America. Address for service is c/o Tina Rees-Pedlar, c/o Slaters Intellectual Property, 77 Camden Street Lower, Dublin 2 D02 XE80, Ireland.

267828 27 October 2022

- Class 35. Employment agency services in the nature of providing temporary contract employee and employment staffing services in the IT field.
- Class 37. Installation and maintenance of wireless network hardware infrastructure.
- Class 42. Providing IT consulting services to hospitals, medical facilities, and physicians; providing computer system integration and website hosting services to enable hospitals, medical facilities, and physicians to implement and operate electronic health record systems; designing, implementing, hosting, maintaining, and supporting electronic health records systems comprised of computer hardware and software for hospitals, medical facilities, and physicians; providing computer technical support services, namely, 24/7 service desk or help desk services for IT infrastructure, operating systems, database systems, and web applications; providing data extraction and archiving services in the nature of downloading electronic data and reports from existing sources and



267829 28 October 2022

- Class 3. Baby care products (Non-medicated -).

Rachael Best, 18 Windmill Close, Rathcoole, Dublin, Ireland. Address for service is c/o Rachael Best, 18 Windmill Close, Rathcoole, Dublin, Ireland.



267830 27 October 2022

- Class 5. Nutritional supplement energy bars; Nutritional supplement meal replacement bars for boosting energy; Health food supplements for persons with special dietary requirements; Health food supplements made principally of vitamins; Health food supplements made principally of minerals; Dietary and nutritional supplements; Nutritional supplement food bars.
- Class 30. Cereal bars and energy bars; Cereal based energy bars; High-protein cereal bars.

Mark Mitchell, Carrig Road, Roscrea, Tipperary E53VW63, Ireland. Address for service is c/o Mark Mitchell, Carrig Road, Roscrea, Tipperary E53VW63, Ireland.

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

FOZNOL

267831 26 October 2022

- Class 5. Pharmaceutical preparations and substances for the treatment of hyperphosphataemia, kidney

disease and disorders and osteoporosis.

Takeda Pharmaceuticals U.S.A., Inc., 95 Hayden Avenue, Lexington, Massachusetts 02421, United States of America. Address for service is c/o William Fry LLP, 2 Grand Canal Square, Dublin 2 D02A342, Ireland.



267832 26 October 2022

- Class 41. Organising of shows for entertainment purposes, namely truck shows and truck competitions.

Michael Craddock, Racecourse, Cashel, Co Tipperary, Ireland. Address for service is c/o Michael Craddock, Racecourse, Cashel, Co Tipperary, Ireland.

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

HOME ESSENCE

267833 24 May 2021

- Class 3. Household fragrances; air fragrance preparations; room fragrances; scented oils; essential oils; aromatic extracts; scented wood; scented sachets; scented linen sprays; scented pine cones; scented ceramic stones; scented wax melts; pot pourri; air fragrance reed diffusers; refills for electric room fragrance dispensers.
- Class 4. Candles and wicks for candles for lighting; scented candles; fragranced candles; aromatherapy fragrance candles; table candles; tealight candles; floating candles; Christmas tree candles; candles containing insect repellent.
- Class 11. Apparatus for lighting and heating, flameless candles; electric candles; led candles; candle lamps; candle lanterns; candle lighters.
- Class 21. Air fragrancing apparatus; aromatic oil diffusers, other than reed diffusers, electric and non-electric; scent sprays (atomizers); perfume sprays, sold empty; plates for diffusing aromatic oil; oil burners (aromatherapy); candle sticks; candle holders; candle snuffers.

Priority Date Claimed: 25 November 2020 United Kingdom

GM Marketing Ireland Limited, Lesley House, 25 Wellington Place, Belfast BT1 6GD, United Kingdom. Address for service is c/o MACLACHLAN & DONALDSON (IRELAND) LIMITED, trading as MACLACHLAN & DONALDSON, Unit 10, 4075 Kingswood Road, Citywest Business Campus, Dublin 24 D24 C56E, Ireland.

The application for registration is proceeding on the basis of the mark having acquired distinctiveness through use

International College of Physicians and Surgeons (ICPS)

International College of Physicians & Surgeons (ICPS)

Application is for a Series of 2 Trade Marks.

267834 27 September 2022

- Class 9. Navigation, surveying, photographic, cinematographic, audiovisual, optical, weighing, measuring, signalling, detecting, inspecting and life-saving apparatus and instruments; apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling the distribution or use of electricity; apparatus and instruments for recording, transmitting, reproducing or processing sound, images or data; recorded and downloadable media, computer software, blank digital or analogue recording and storage media; mechanisms for coin-operated apparatus; cash registers, calculating devices; computers and computer peripheral devices; diving suits, divers' masks, ear plugs for divers, nose clips for divers and swimmers, gloves for divers, breathing apparatus

for underwater swimming; fire-extinguishing apparatus. Apparatus and instruments for simulators for the steering and control of vehicles; apparatus and instruments for controlling and monitoring aircraft, watercraft and unmanned vehicles, for example, navigational instruments, transmitters, compasses for measuring, GPS apparatus, automatic steering apparatus for vehicles; safety and security apparatus and instruments, for example, safety nets, signalling lights, traffic-light apparatus, fire engines, sound alarms, security tokens being encryption devices; clothing that protects against serious or life-threatening injuries, for example, clothing for protection against accidents, irradiation and fire, bullet-proof clothing, protective helmets, head guards for sports, mouth guards for sports, protective suits for aviators, knee-pads for workers; optical apparatus and instruments, for example, eyeglasses, contact lenses, magnifying glasses, mirrors for inspecting work, peepholes; magnets; smartwatches, wearable activity trackers; joysticks for use with computers, other than for video games, virtual reality headsets, smartglasses; eyeglass cases, cases for smartphones, cases especially made for photographic apparatus and instruments; automated teller machines, invoicing machines, material testing instruments and machines; batteries and chargers for electronic cigarettes; electric and electronic effects units for musical instruments; security surveillance robots.

Professor Dr Joseph Chikelue Obi, The Penthouse (Apartment 11), Annalee Court, Russell Quay, Ballyconnell H14 X450, Ireland. Address for service is c/o Professor Dr Joseph Chikelue Obi, The Penthouse (Apartment 11), Annalee Court, Russell Quay, Ballyconnell H14 X450, Ireland.

Organizd

267835 24 October 2022

Class 41. Life coaching (training); Training or education services in the field of life coaching.

Saban Saulic, 3 Castlegrange Gardens, Clonee, Dublin D15, Ireland. Address for service is c/o Saban Saulic, 3 Castlegrange Gardens, Clonee, Dublin D15, Ireland.

Turfpic

Turfpics

Application is for a Series of 2 Trade Marks.

267836 31 October 2022

Class 16. Art pictures; Art mounts.

Yvonne Kelly Art, 20 Park House, Baldoyle, Dublin D13X3EH, Ireland. Address for service is c/o Yvonne Kelly, 20 Park House, Baldoyle, Baldoyle D13X3EH, Ireland.

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

Opposition(s) under Section 43 of the 1996 Act

- 262828** Molkerei Alois Müller GmbH & Co. KG.
Opposition withdrawn 14 December
2022
- 266025** MULLER UK & IRELAND LLP.
Opposition withdrawn 14 December
2022

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

- 266655** Oponowicz Stanislaw
266658 Kate O'Malley
266672 Orca Board Limited
266708 Cork National Velodrome
266717 Biozeroc Ltd
266718 Chatsworth Products Inc.

Trade Marks Registered under the 1996 Act

- 267085** (2468) Cl. 5. Richter Gedeon Nyrt.
267166 (2469) Cl. 3 5 10 21 35 41 42 44.
JOHNSON & JOHNSON
267178 (2469) Cl. 5. Richter Gedeon Nyrt.
267190 (2469) Cl. 6 42. Killarney Precision
Engineering Ltd.
267249 (2470) Cl. 44. Independent Vetcare
Limited
267273 (2470) Cl. 44. Independent Vetcare
Limited
267293 (2470) Cl. 5 32. Cellnutrition Ltd
267314 (2471) Cl. 29 30. Frito-Lay Trading
Company GmbH
267320 (2471) Cl. 32. Woodbolt Distribution,
LLC, DBA Nutrabolt
267322 (2471) Cl. 14. Oh Divine Jewellery
267324 (2471) Cl. 6 7 9 11 35 37 38 39 42.
Vaillant GmbH
267326 (2471) Cl. 9 12 35 37 42. THINKCAR
TECH CO., LTD.
267329 (2471) Cl. 1 6 7 35 40 42. Magotteaux
International S.A.
267332 (2471) Cl. 1 5 31. MARIGOT LIMITED
trading as CELTICSEA MINERALS

- 267340** (2471) Cl. 43. College Green Hotel
Limited
267349 (2472) Cl. 6 19. Etex Ireland Limited
267351 (2472) Cl. 1. GRASSLAND AGRO
LIMITED
267352 (2472) Cl. 33. Royal Oak Distillery
Limited
267353 (2472) Cl. 29 30. TROPICANA
PRODUCTS, INC.
267356 (2472) Cl. 43 44. Kay Palmer
267357 (2472) Cl. 5. DONAL DUGGAN
267358 (2472) Cl. 5. DONAL DUGGAN
267359 (2472) Cl. 5. DONAL DUGGAN
267360 (2472) Cl. 5. DONAL DUGGAN
267361 (2472) Cl. 5. DONAL DUGGAN
267363 (2472) Cl. 18. Louis Vuitton Malletier
267364 (2472) Cl. 25 45. Ivan Johnston
267365 (2472) Cl. 36. Shop Direct Home
Shopping Limited
267369 (2472) Cl. 9. Thesaurus Software Ltd
267370 (2472) Cl. 35 41 44 45. Family Carers
Ireland CLG
267371 (2472) Cl. 9 16 20. Pakflatt (UK)
Limited
267374 (2472) Cl. 37. Bartech Engineering Ltd
267376 (2472) Cl. 5. Keith Bruton
267377 (2472) Cl. 35. Nanny Options
267378 (2465) Cl. 21. Slated Homewares LTD
267379 (2472) Cl. 41 43 44. College Green Hotel
Limited
267383 (2472) Cl. 35 36. Shop Direct Home
Shopping Limited
267385 (2472) Cl. 29 30 35 43. Emilie's
Bakehouse Limited
267387 (2472) Cl. 36. Shop Direct Home
Shopping Limited
267393 (2472) Cl. 25. Reinhard Waschkowitz
267397 (2472) Cl. 19 37. Victor Poleon
267398 (2472) Cl. 9 42. DEREK MCCLEAN
267399 (2472) Cl. 41 43. College Green Hotel
Limited
267400 (2472) Cl. 41 43 44. Spencer Leisure
Investments Limited T/A The Spencer
Hotel
267401 (2472) Cl. 29. NORDEX HOLDING A/S
267403 (2472) Cl. 10 12 20 39. Martin Stapleton
267404 (2472) Cl. 18 25. Orla Lynch
267408 (2472) Cl. 36 45. Lilac Heights LLC
267409 (2472) Cl. 32 33. INTREPID SPIRITS
LIMITED
267410 (2472) Cl. 35. JASON JAY ROOD
LIMITED
267411 (2472) Cl. 44. Charlene O'Hare

Renewal of Registrations Under Section 48 of the 1996 Act

42248	Cl. 9. UNITED ARTISTS CORPORATION	173772	Cl. 5. ABBOTT LABORATORIES
42294	Cl. 5. CUXSON, GERRARD & COMPANY LIMITED	174068	Cl. 14. Sumitomo Rubber Industries, Ltd.
43229	Cl. 9. PARAMOUNT PICTURES CORPORATION	174109	Cl. 12. Leader-96, OOD
62983	Cl. 9. SONY CORPORATION	174521	Cl. 25. THE POLO/LAUREN COMPANY L.P.
73308	Cl. 25. AMBERES S.A.	174522	Cl. 25. THE POLO/LAUREN COMPANY L.P.
103460	Cl. 5. AGRIHEALTH LIMITED	175392	Cl. 9. VIACOM INTERNATIONAL INC.
104047	Cl. 5. Cheplapharm Arzneimittel GmbH	175393	Cl. 16. VIACOM INTERNATIONAL INC.
104206	Cl. 32. Britvic Ireland Limited	175394	Cl. 25. VIACOM INTERNATIONAL INC.
104383	Cl. 3. Energizer Auto, Inc.	175601	Cl. 25. THE POLO/LAUREN COMPANY L.P.
104397	Cl. 1. GLAXO GROUP LIMITED	175603	Cl. 25. THE POLO/LAUREN COMPANY L.P.
104581	Cl. 30. LEES OF SCOTLAND LIMITED	175895	Cl. 25. DUCATI MOTOR HOLDING S.p.A.
104942	Cl. 28. HAMLEYS OF LONDON LIMITED	176237	Cl. 29. NATHAN'S FAMOUS SYSTEMS, INC.
105032	Cl. 2, Cl. 7, Cl. 9, Cl. 16. Francotyp-Postalia GmbH	225252	Cl. 35, Cl. 37. TRACTAMOTORS LIMITED
105167	Cl. 9. VIACOM INTERNATIONAL INC.	226284	Cl. 30. UNITED BISCUITS (UK) LIMITED
106510	Cl. 1. Westland Horticulture Limited	226286	Cl. 30. UNITED BISCUITS (UK) LIMITED
107128	Cl. 2, Cl. 9, Cl. 16. Francotyp-Postalia GmbH	226294	Cl. 29. Kerry Group Services International Limited
107313	Cl. 3. HOYU KABUSHIKI KAISHA	226477	Cl. 29. Kerry Group Services International Limited
108082	Cl. 5. THE PROCTER & GAMBLE COMPANY	226887	Cl. 19, Cl. 27. TARKETT AB
112989	Cl. 9. UNITED ARTISTS CORPORATION	227332	Cl. 33. Pernod Ricard Argentina S.R.L.
169759	Cl. 7. SAGOLA, S.A.	228958	Cl. 9, Cl. 35, Cl. 36, Cl. 39. UNITED PARCEL SERVICE OF AMERICA, INC.
169890	Cl. 33. GRUPO PEÑAFLORES S.A.	229047	Cl. 16. KIMBERLY-CLARK WORLDWIDE, INC.
169902	Cl. 10. BECTON, DICKINSON AND COMPANY	247645	Cl. 35, Cl. 41, Cl. 42. IBEC COMPANY LIMITED BY GUARANTEE
169911	Cl. 29. Kerry Group Services International Limited	248320	Cl. 32. LIDL STIFTUNG & CO. KG
170017	Cl. 5. BASF SE	248371	Cl. 2. AKZO NOBEL COATINGS INTERNATIONAL B.V.
170064	Cl. 5. MEDA Pharma GmbH & Co. KG	248452	Cl. 6, Cl. 17. MI-FLUES LIMITED
170141	Cl. 1, Cl. 17, Cl. 22. Eastman Chemical Company	248470	Cl. 35, Cl. 39, Cl. 41, Cl. 45. ROAD SAFETY AUTHORITY
170144	Cl. 1, Cl. 17, Cl. 22. Eastman Chemical Company	248471	Cl. 35, Cl. 39, Cl. 41, Cl. 45. ROAD SAFETY AUTHORITY
171511	Cl. 18, Cl. 25. PRADA S.A.	248472	Cl. 35, Cl. 45. ROAD SAFETY AUTHORITY
172337	Cl. 16. VIACOM INTERNATIONAL INC.	248473	Cl. 35, Cl. 45. ROAD SAFETY AUTHORITY
172338	Cl. 25. VIACOM INTERNATIONAL INC.	248474	Cl. 35, Cl. 45. ROAD SAFETY AUTHORITY
172928	Cl. 32. BRITVIC SOFT DRINKS LIMITED	248475	Cl. 35, Cl. 45. ROAD SAFETY AUTHORITY
172942	Cl. 25. killtec Sport- und Freizeit GmbH		
173385	Cl. 25. Max Mara Fashion Group S.r.l.		
173677	Cl. 3. REVLON (SUISSE) S.A.		
173678	Cl. 3. REVLON (SUISSE) S.A.		

248476	Cl. 35, Cl. 45. ROAD SAFETY AUTHORITY	100661	Cl. 25. 04 November 2022. Primark Limited
248526	Cl. 35, Cl. 41, Cl. 43. WILLIAM GRANT & SONS IRISH BRANDS LTD	100663	Cl. 5. 16 November 2022. N.V. ORGANON
248642	Cl. 9, Cl. 10, Cl. 42. CREGANNA	101851	Cl. 9. 23 November 2022. ATEX INC
248655	Cl. 29. NATURAL DAIRIES	102242	Cl. 4. 03 November 2022. CAM 2 OIL PRODUCTS CO.
248700	Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 33. LIDL STIFTUNG & CO. KG	102247	Cl. 30. 16 November 2022. Unilever IP Holdings B.V.
248850	Cl. 41. ECAMS Innovation Limited	104569	Cl. 7. 03 November 2022. KITO CORPORATION
249480	Cl. 25, Cl. 28. PARAMOUNT PICTURES CORPORATION	106313	Cl. 25. 26 November 2022. Warehouse Fashions Limited
249697	Cl. 10. Alcon Inc.	106789	Cl. 7. 12 November 2022. SMS Siemag AG
250004	Cl. 1, Cl. 2, Cl. 3, Cl. 4, Cl. 5, Cl. 6, Cl. 7, Cl. 8, Cl. 9, Cl. 10, Cl. 11, Cl. 12, Cl. 14, Cl. 16, Cl. 17, Cl. 18, Cl. 19, Cl. 20, Cl. 21, Cl. 22, Cl. 23, Cl. 24, Cl. 25, Cl. 26, Cl. 27, Cl. 28, Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 33, Cl. 34, Cl. 35. ALDI GMBH & CO. KG	107102	Cl. 1. 03 November 2022. Clariant Produkte (Deutschland) GmbH
<p>Renewal Fees unpaid at date of expiry of Registration or renewal thereof - Rule 39(1) of the 1996 Rules</p>		107304	Cl. 25. 01 November 2022. Maidenform LLC
		112032	Cl. 9. 19 November 2022. ROUX LABORATORIES, INC.
		123082	Cl. 3. 29 November 2022. PUIG FRANCE, Société par Actions Simplifiée
		168496	Cl. 16. 02 November 2022. METSA TISSUE OYJ
		168501	Cl. 9. 12 November 2022. D & M Holdings, Inc.
		168751	Cl. 25. 22 November 2022. Primark Limited
		168791	Cl. 5. 07 November 2022. Sanofi Pasteur MSD S.N.C.
		168908	Cl. 22. 22 November 2022. Cotesi – Companhia De Têxteis Sintéticos, S.A.
		168932	Cl. 33. 02 November 2022. Diageo North America, Inc.
		168933	Cl. 33. 02 November 2022. DIAGEO NORTH AMERICA, INC.
		168934	Cl. 5. 06 November 2022. GALEN LIMITED
		168959	Cl. 3. 28 November 2022. L'OREAL
		169153	Cl. 3. 06 November 2022. CALVIN KLEIN COSMETIC CORPORATION
		169155	Cl. 25. 22 November 2022. Primark Limited
		169188	Cl. 30. 26 November 2022. BURTON'S FOODS LIMITED
		169654	Cl. 10. 27 November 2022. Alcon Inc.
		170292	Cl. 30. 01 November 2022. Bakkersland Hoogeveen B.V.
		170929	Cl. 5. 28 November 2022. Roche Diagnostics GmbH
		170930	Cl. 10. 28 November 2022. Roche Diagnostics GmbH
171050	Cl. 16. 23 November 2022. CREAM COMMUNICATIONS LIMITED		
42050	Cl. 30. 24 November 2022. ROBERTS ROBERTS LIMITED		
42080	Cl. 5. 02 November 2022. Associated British Foods Plc.		
42847	Cl. 18. 25 November 2022. E. JEFFRIES & SONS LIMITED		
62822	Cl. 3. 17 November 2022. THE PROCTER & GAMBLE COMPANY		
62824	Cl. 5. 16 November 2022. Celltech Pharma Europe Limited		
62861	Cl. 5. 24 November 2022. NORDIC GROUP B. V.		
72825	Cl. 5. 06 November 2022. WOELM PHARMA GMBH & CO.		
72850	Cl. 20. 16 November 2022. DUNELM (SOFT FURNISHINGS) LTD		
72851	Cl. 20. 26 November 2022. DUNELM (SOFT FURNISHINGS) LTD		
72854	Cl. 6, Cl. 7, Cl. 8, Cl. 9, Cl. 11, Cl. 12, Cl. 14. 20 November 2022. DANFOSS A/S		
72861	Cl. 6, Cl. 7, Cl. 8, Cl. 9, Cl. 11, Cl. 12, Cl. 14. 20 November 2022. DANFOSS A/S		
72903	Cl. 32. 27 November 2022. PRINCES LIMITED		
73126	Cl. 32. 27 November 2022. CO-RO FOOD A/S.		

171182	Cl. 9, Cl. 16. 19 November 2022. AOL LLC	176570	Cl. 3, Cl. 9, Cl. 14, Cl. 16, Cl. 18, Cl. 21, Cl. 24, Cl. 28. 15 November 2022. MERCIS B.V.
171307	Cl. 25. 08 November 2022. MRS. MARIA DE LOS ANGELES BROTONS MOLLA	177288	Cl. 29. 06 November 2022. CONSORZIO DEL FORMAGGIO PARMIGIANO REGGIANO
171661	Cl. 20, Cl. 25, Cl. 26. 05 November 2022. SERGE BLANCO	225471	Cl. 5. 19 November 2022. WYETH LLC
171873	Cl. 16. 28 November 2022. KLEENEZE LIMITED	225554	Cl. 16. 06 November 2022. SmithKline Beecham Limited
172388	Cl. 34. 27 November 2022. British American Tobacco (Brands) Inc.	225629	Cl. 3. 03 November 2022. BARE ESCENTUALS, INC.
172426	Cl. 5. 15 November 2022. BASF SE	225630	Cl. 12. 04 November 2022. Hankook Tire Co., Ltd.
172586	Cl. 2, Cl. 9. 12 November 2022. OKI ELECTRIC INDUSTRY CO., LTD.	225656	Cl. 30, Cl. 43. 28 November 2022. PIZZA HUT INTERNATIONAL, LLC
172624	Cl. 5. 07 November 2022. Eisai R&D Management Co., Ltd.	225888	Cl. 3. 26 November 2022. REVLON CONSUMER PRODUCTS CORPORATION
172708	Cl. 9. 30 November 2022. Sony Music Entertainment UK Limited	225889	Cl. 3. 26 November 2022. REVLON CONSUMER PRODUCTS CORPORATION
173096	Cl. 5. 07 November 2022. PFIZER PRODUCTS INC.	225930	Cl. 9. 10 November 2022. MUTOH HOLDINGS CO., LTD
173099	Cl. 32. 29 November 2022. OSOTSPA CO., LIMITED	225931	Cl. 24. 21 November 2022. LEORDA GLOBAL LIMITED
173379	Cl. 30. 05 November 2022. Hamsard 3145 Limited	225998	Cl. 29, Cl. 30. 06 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
174009	Cl. 9. 01 November 2022. AT&T Intellectual Property II, L.P.	225999	Cl. 29, Cl. 30. 06 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
174063	Cl. 12. 28 November 2022. FIAT AUTO S.P.A.	226000	Cl. 29, Cl. 30. 06 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
174064	Cl. 12. 28 November 2022. FIAT AUTO S.P.A.	226001	Cl. 29, Cl. 30. 06 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
174126	Cl. 6, Cl. 7, Cl. 9, Cl. 29. 20 November 2022. TETRA LAVAL HOLDINGS & FINANCE S.A.	226002	Cl. 29, Cl. 30. 06 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
174193	Cl. 21. 28 November 2022. Colgate-Palmolive Company	226080	Cl. 41. 14 November 2022. MARY F. O'CONNOR
174299	Cl. 3. 27 November 2022. Colgate-Palmolive Company	226111	Cl. 30. 17 November 2022. Unilever IP Holdings B.V.
174741	Cl. 5. 16 November 2022. ORION CORPORATION	226146	Cl. 3. 10 November 2022. Unilever Global IP Limited
174990	Cl. 30. 09 November 2022. Unilever IP Holdings B.V.	226151	Cl. 9, Cl. 16, Cl. 41, Cl. 43. 04 November 2022. CENTRE OF ENGLISH LANGUAGE STUDIES LIMITED
174991	Cl. 30. 09 November 2022. Unilever IP Holdings B.V.	226317	Cl. 29, Cl. 30. 06 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
175043	Cl. 19. 23 November 2022. Allied Brands Limited	226320	Cl. 29. 11 November 2022. Pilgrim's Food Masters Ireland Limited
175044	Cl. 27. 23 November 2022. Allied Brands Limited		
175726	Cl. 16. 30 November 2022. Oracle America, Inc.		
176120	Cl. 29. 20 November 2022. NEPTUNE		
176213	Cl. 5. 09 November 2022. Lucozade Ribena Suntory Limited		
176214	Cl. 32. 09 November 2022. Lucozade Ribena Suntory Limited		

226348	Cl. 9, Cl. 16, Cl. 39, Cl. 41, Cl. 43. 04 November 2022. CENTRE OF ENGLISH LANGUAGE STUDIES LIMITED	248137	Cl. 16, Cl. 30. 19 November 2022. LIAM O'KEEFFE & CO. LIMITED
226375	Cl. 29. 19 November 2022. Kentucky Fried Chicken (Great Britain) Limited	248143	Cl. 33. 09 November 2022. CELTIC DRINKS COMPANY
226402	Cl. 5. 10 November 2022. Zoetis Services LLC	248144	Cl. 35, Cl. 36, Cl. 37, Cl. 42. 15 November 2022. FTR SOLUTIONS LTD
226424	Cl. 9, Cl. 16, Cl. 28, Cl. 41. 14 November 2022. Minister for Public Expenditure & Reform	248146	Cl. 6, Cl. 19. 20 November 2022. SENATOR WINDOWS LIMITED
226430	Cl. 9, Cl. 36, Cl. 41, Cl. 42. 18 November 2022. AVIVA DIRECT IRELAND LIMITED	248147	Cl. 6, Cl. 19. 20 November 2022. SENATOR WINDOWS LIMITED
226576	Cl. 41. 11 November 2022. KATHERINE COTTER	248148	Cl. 6, Cl. 19. 20 November 2022. SENATOR WINDOWS LIMITED
226621	Cl. 29, Cl. 30, Cl. 32. 03 November 2022. MOLKEREI ALOIS MÜLLER GMBH & CO. KG	248149	Cl. 6, Cl. 19. 20 November 2022. SENATOR WINDOWS LIMITED
226651	Cl. 9. 21 November 2022. INTEL CORPORATION	248156	Cl. 6, Cl. 19, Cl. 20, Cl. 39, Cl. 45. 09 November 2022. MASSEY BROTHERS (FUNERALS) LIMITED
226742	Cl. 12. 25 November 2022. Daimler AG	248157	Cl. 29, Cl. 30, Cl. 32. 14 November 2022. MOLKEREI ALOIS MÜLLER GMBH & CO. KG
226757	Cl. 3. 27 November 2022. COLGATE-PALMOLIVE COMPANY	248158	Cl. 29, Cl. 30, Cl. 32. 12 November 2022. MOLKEREI ALOIS MÜLLER GMBH & CO. KG
226882	Cl. 14. 05 November 2022. MR R KERR	248166	Cl. 44. 23 November 2022. Fellerim Limited
229506	Cl. 30. 10 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ, S.A.	248172	Cl. 36. 08 November 2022. FBD INSURANCE PLC
234337	Cl. 25. 04 November 2022. MARKS & SPENCER PLC	248175	Cl. 35. 26 November 2022. IRISH MODERN AUCTIONS LIMITED T/A IAM-SOLD
248092	Cl. 41. 07 November 2022. STARCAMP LTD.	248177	Cl. 35. 26 November 2022. IRISH MODERN AUCTIONS LIMITED T/A IAM-SOLD
248098	Cl. 5. 07 November 2022. AUDEN McKENZIE (PHARMA DIVISION) LIMITED	248178	Cl. 35. 16 November 2022. SCREAM LIMITED
248100	Cl. 30. 06 November 2022. PAK NATIONAL FOODS IRELAND	248185	Cl. 41. 26 November 2022. MALCOLM GOODBODY
248115	Cl. 35, Cl. 38, Cl. 41. 13 November 2022. JAMES SMITH	248194	Cl. 41. 29 November 2022. CONOR HUGHES
248119	Cl. 3, Cl. 5. 05 November 2022. SLAINTE BEOGA TEORANTA	248204	Cl. 5. 28 November 2022. AUDEN McKENZIE (PHARMA DIVISION) LIMITED
248123	Cl. 30, Cl. 43. 13 November 2022. STEPHEN DEASY	248206	Cl. 44. 30 November 2022. THE BRENNER CLINIC
248124	Cl. 44. 13 November 2022. AILESBUURY HAIR IMPLANTS LIMITED	248211	Cl. 41. 05 November 2022. PAUL MCGREGOR
248125	Cl. 9. 07 November 2022. THE ORIGINAL PLUGZ COMPANY LTD.	248212	Cl. 41. 23 November 2022. SEAN'S IRISHFIT LTD
248127	Cl. 35, Cl. 42. 16 November 2022. ADDADS LIMITED	248213	Cl. 41. 23 November 2022. SEAN'S IRISHFIT LTD
248129	Cl. 42. 15 November 2022. ARGOS LIMITED	248214	Cl. 41. 23 November 2022. SEAN'S IRISHFIT LTD
248130	Cl. 30. 16 November 2022. MARCO'S SPECIALITY FOODS LTD	248216	Cl. 5. 30 November 2022. Platypus Wear, Inc.
248133	Cl. 41. 08 November 2022. SHANE PRENDERGAST		

248217	Cl. 5. 30 November 2022. DAVID KELLY	248562	Cl. 16, Cl. 30. 19 November 2022. LIAM O'KEEFFE & CO. LIMITED
248218	Cl. 25. 30 November 2022. DAVID KELLY	248563	Cl. 16, Cl. 30. 19 November 2022. LIAM O'KEEFFE & CO. LIMITED
248224	Cl. 42. 28 November 2022. 4S STEEN-SKALSKA SYSTEM SOLUTIONS	248583	Cl. 6. 12 November 2022. KIRBY BUILDING SYSTEMS KUWAIT COMPANY S.A.K.(C)
248243	Cl. 16, Cl. 35, Cl. 36, Cl. 41, Cl. 44, Cl. 45. 20 November 2022. THE CHILDREN'S FUND FOR HEALTH LTD	248591	Cl. 16. 12 November 2022. NIAMH O'CONNOR
248250	Cl. 35. 13 November 2022. PEEK & CLOPPENBURG KG	248592	Cl. 16. 12 November 2022. NIAMH O'CONNOR
248251	Cl. 36. 20 November 2022. Temple Street Foundation	248600	Cl. 29, Cl. 30, Cl. 31. 30 November 2022. MICHAEL JOSEPH ELIAS
248280	Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 43. 08 November 2022. COMPASS GROUP, UK AND IRELAND LIMITED	248614	Cl. 7. 26 November 2022. JOHN HOULIHAN
248295	Cl. 29, Cl. 30. 15 November 2022. ALDI STORES (IRELAND) LIMITED	248717	Cl. 43. 16 November 2022. CRAWLEY LIMITED T/A CAPTAIN AMERICAS COOKHOUSE
248305	Cl. 1, Cl. 16, Cl. 35, Cl. 41. 30 November 2022. HENKEL AG & CO. KGaA	248789	Cl. 16, Cl. 35. 30 November 2022. CLAY EDWARD JAMES CAIRD
248306	Cl. 1, Cl. 16, Cl. 35, Cl. 41. 30 November 2022. HENKEL AG & CO. KGaA	248971	Cl. 32. 14 November 2022. OLIVER HUGHES
248316	Cl. 41. 14 November 2022. DUBLIN ARGENTINE TANGO SOCIETY	248981	Cl. 29, Cl. 30. 16 November 2022. MUSGRAVE LIMITED
248330	Cl. 36. 22 November 2022. STEVE CARROLL MEMORIAL FUND	248983	Cl. 3, Cl. 4, Cl. 5, Cl. 6, Cl. 8, Cl. 16, Cl. 18, Cl. 21, Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 33, Cl. 35, Cl. 40, Cl. 43. 15 November 2022. MUSGRAVE LIMITED
248335	Cl. 31. 05 November 2022. IPM Potato Group Limited	248989	Cl. 44. 30 November 2022. FACEWORKS
248393	Cl. 41. 28 November 2022. GAELPORT.COM	249151	Cl. 9, Cl. 38, Cl. 41, Cl. 42, Cl. 45. 16 November 2022. Flutter Entertainment plc
248412	Cl. 34. 26 November 2022. John Player & Sons Limited	249218	Cl. 29, Cl. 30, Cl. 31. 06 November 2022. FIONA FALCONER
248421	Cl. 16, Cl. 35, Cl. 41, Cl. 43. 16 November 2022. SUPERMAC'S IRELAND LIMITED	249363	Cl. 9, Cl. 16, Cl. 35, Cl. 37, Cl. 38, Cl. 41, Cl. 42. 20 November 2022. Eircom Limited
248428	Cl. 29, Cl. 30, Cl. 32. 07 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	249364	Cl. 9, Cl. 16, Cl. 35, Cl. 37, Cl. 38, Cl. 41, Cl. 42. 20 November 2022. Eircom Limited
248434	Cl. 30. 28 November 2022. HOUSE OF LANCASTER	249365	Cl. 21. 30 November 2022. GEMMA HIGGINS
248494	Cl. 29, Cl. 30. 12 November 2022. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	250559	Cl. 37, Cl. 38, Cl. 39, Cl. 40, Cl. 41, Cl. 42, Cl. 43, Cl. 44, Cl. 45. 06 November 2022. PROSIEBEN TELEVISION GMBH
248496	Cl. 29, Cl. 30. 12 November 2022. MCCAIN FOODS (GB) LIMITED	251868	Cl. 30. 29 November 2022. TANGERINE CONFECTIONERY LTD
248510	Cl. 29, Cl. 30, Cl. 32, Cl. 39. 30 November 2022. MÖLKEREI ALOIS MÜLLER GMBH & CO. KG		
248519	Cl. 29. 14 November 2022. COOK'S DELIGHTS LIMITED		
248561	Cl. 16, Cl. 30. 19 November 2022. LIAM O'KEEFFE & CO. LIMITED		

Trade Marks Removed from the Register under Section 48 and Rule 39(2) of the 1996 Act and Rules.

40702	Cl. 34. GALLAHER LIMITED	111401	Cl. 30. PATRICK MARTIN HIGGINS, MARGARET MARY HIGGINS, JAMES G. HIGGINS, PATRICK MICHAEL MARION HIGGINS AND MICHAEL FRANCIS HIGGINS
62251	Cl. 5. GLAXO GROUP LIMITED	165531	Cl. 5, 6, 16, 18, 21, 28, 31. THE HARTZ MOUNTAIN CORPORATION
62301	Cl. 30. EUROPEAN SUGAR HOLDINGS S.A.R.L.	165838	Cl. 9. Ansell Limited
62409	Cl. 4. Chevron Intellectual Property LLC	165845	Cl. 17. Kingspan Insulation B.V.
62631	Cl. 29. Boyne Valley	165846	Cl. 19. Kingspan Insulation B.V.
71683	Cl. 1. Dr. Hönle Aktiengesellschaft	166312	Cl. 9. Keysight Technologies, Inc.
71689	Cl. 3. Diversey, Inc.	166388	Cl. 25. Calzedonia S.p.A.
71696	Cl. 1, 2, 4, 17. RHODIA CHIMIE, a Société par Actions Simplifiée	166390	Cl. 5. BRISTOL-MYERS SQUIBB PHARMA COMPANY
71850	Cl. 3. Unilever PLC	166466	Cl. 25. Nevica IP Limited
71862	Cl. 33. SOCIETE JAS HENNESSY & CO., S.A.	166474	Cl. 5. GLAXO GROUP LIMITED
98261	Cl. 14. Citizen Tokei Kabushiki Kaisha also trading as Citizen Watch Co., Ltd.	166478	Cl. 25. CBM Creative Brands GmbH
99051	Cl. 5. Elizabeth Arden, Inc.	166606	Cl. 29. Duffy Meats Limited
99059	Cl. 30. Kraft Foods Sverige Intellectual Property AB	166655	Cl. 31. CIUFFO GATTO S.r.l.
99845	Cl. 12. DAIHATSU KOGYO KABUSHIKI KAISHA (DAIHATSU MOTOR COMPANY LIMITED)	167171	Cl. 9. JVC KENWOOD CORPORATION
100049	Cl. 12. TOYOTA JIDOSHA KABUSHIKI KAISHA (TOYOTA MOTOR CORPORATION).	167180	Cl. 20. RICHARDS-WILCOX, INC.
100050	Cl. 3. Aquascutum Limited	167258	Cl. 25. John F Heaton
101435	Cl. 12. NISSAN JIDOSHA KABUSHIKI KAISHA NISSAN MOTOR CO., LTD.	167309	Cl. 3. Essity Hygiene and Health Aktiebolag
101636	Cl. 3. HFC Prestige International Operations Switzerland Sarl	167501	Cl. 3. L'Oreal
103005	Cl. 31. WIESENHOF GEFLÜGEL-KONTOR GmbH	167570	Cl. 21. HENKEL AG & CO. KGaA
103406	Cl. 28. BELLCO (SPORTS) LIMITED	167679	Cl. 9. Ansell Limited
103609	Cl. 10. ICU Medical, Inc.	167763	Cl. 9. Ansell Limited
104545	Cl. 5. MALLINCKRODT VETERINARY, INC.	167764	Cl. 9. Ansell Limited
105548	Cl. 9, 14, 16, 18, 25, 28, 34. Dr. Ing. h.c. F. Porsche Aktiengesellschaft	167992	Cl. 5. PINWOOD LABORATORIES LIMITED
105728	Cl. 6. CHEP Technology Pty Limited	168375	Cl. 12. Siemens Mobility GmbH
106753	Cl. 27. AKZO NOBEL DECORATIVE COATINGS LIMITED	168389	Cl. 9. Ansell Limited
111232	Cl. 17, 19, 20. Norbord Europe Limited	168390	Cl. 1. SEKISUI FINE CHEMICAL KABUSHIKI KAISHA SEKISUI FINE CHEMICAL CO., LTD.
111400	Cl. 30. PATRICK MARTIN HIGGINS, MARGARET MARY HIGGINS, JAMES G. HIGGINS, PATRICK MICHAEL MARION HIGGINS AND MICHAEL FRANCIS HIGGINS	168406	Cl. 5. SmithKline Beecham Limited
		168474	Cl. 9. Ansell Limited
		168650	Cl. 19. Bobrick Washroom Equipment Ltd.
		168894	Cl. 5. SmithKline Beecham Limited
		169377	Cl. 1. SEKISUI KAGAKU KOGYO KABUSHIKI KAISHA
		169393	Cl. 29. ORNUA Co-operative Limited
		169409	Cl. 5. INTERVET INTERNATIONAL B.V.
		169413	Cl. 5. Boehringer Ingelheim Pharma GmbH & Co. KG
		169414	Cl. 10. Boehringer Ingelheim Pharma GmbH & Co. KG
		169419	Cl. 25. PLAYBOY ENTERPRISES INTERNATIONAL, INC.
		169985	Cl. 5. INTERVET INTERNATIONAL B.V.
		170189	Cl. 29. GUNNAR DAFGARD AB

170190	Cl. 30. GUNNAR DAFGARD AB	224569	Cl. 3, 5, 21. RECKITT BENCKISER (UK) LIMITED
170213	Cl. 5,30,31,32 DANONE	224612	Cl. 35. Interim Executive Solutions Limited
170854	Cl. 31. GESTION Y COMERCIALIZACION AGROALIMENTARIA, S.A.	224669	Cl. 44. Dr. Jacqueline Furlong MacCarthy
171536	Cl. 34 ELLE	224702	Cl. 44. Rhona McGlynn
171564	Cl. 30. SOREMARTEC S.A.	224723	Cl. 35, 36, 41, 42. Director of Corporate Enforcement
172021	Cl. 12. LDV LIMITED	224786	Cl. 2, 16, 42. IMPERIAL CHEMICAL INDUSTRIES LIMITED
173067	Cl. 3. JOHNSON & JOHNSON	224787	Cl. 2, 16, 42. IMPERIAL CHEMICAL INDUSTRIES LIMITED
173068	Cl. 3. JOHNSON & JOHNSON	224803	Cl. 35. Philip Brennan
173069	Cl. 5. JOHNSON & JOHNSON	224831	Cl. 29, 30, 35, 43. Donnybrook Fair Limited
173070	Cl. 10. JOHNSON & JOHNSON	225220	Cl. 9, 16, 41. Disney Enterprises, Inc.
173071	Cl. 21. JOHNSON & JOHNSON	225426	Cl. 3, 7. John Houlihan
173200	Cl. 29. Duffy Meats Limited	225434	Cl. 35, 43. MUSGRAVE LIMITED
173229	Cl. 30. SOREMARTEC S.A.	225479	Cl. 30. SPERLARI S.r.l.
173501	Cl. 30. ZED HOLDINGS HONG KONG LIMITED	225851	Cl. 35, 36, 41, 42. Age Action Ireland Limited
173624	Cl. 9. Ansell Limited	225968	Cl. 2, 16, 27, 42. AKZO NOBEL COATINGS INTERNATIONAL B.V.
173625	Cl. 9. AMT-SYBEX (I) LIMITED	226449	Cl. 41. Mary Francis O'Connor
173668	Cl. 2. PLASTI-KOTE COMPANY, INC	227098	Cl. 9. SANYO ELECTRIC CO., LTD.
174238	Cl. 9. CLYDESDALE BANK PLC.	239361	Cl. 14. PIALLO HANDELS-UND VEREDELUNGSGESELLSCHAFT m.b.H.
174239	Cl. 16. CLYDESDALE BANK PLC.	247075	Cl. 5. ROWEX LTD
174362	Cl. 5. Agouron Pharmaceuticals, LLC	247080	Cl. 35. ANTOINETTE GLENNON
174547	Cl. 6, 12, 16, 17, 21. FIAT AUTO S.p.A.	247081	Cl. 41. TRANSILVANIA FOOTBALL CLUB DUBLIN
174649	Cl. 5. SmithKline Beecham Limited	247084	Cl. 42. RACHEL KERR
175029	Cl. 16. The Womens Community Projects (Mullingar) Association	247087	Cl. 25. LUCAIS LIMITED
176925	Cl. 30. MARS FOODS IRELAND LIMITED	247094	Cl. 35, 38, 41, 42. DIGITAL SKILLS ACADEMY LIMITED
224278	Cl. 25. RAPPSON AB	247095	Cl. 41. SHANE CRADOCK
224279	Cl. 9. MISYS INTERNATIONAL BANKING SYSTEMS LIMITED	247101	Cl. 18, 25. PURPLE DEVIL LIMITED
224281	Cl. 5. ROWEX LTD.	247103	Cl. 33. BULMERS LIMITED
224291	Cl. 3. THE PROCTER & GAMBLE COMPANY	247114	Cl. 31, 41, 43. ST. DOMINIC PROPERTIES LIMITED
224320	Cl. 29, 30. FRITO-LAY TRADING COMPANY GmbH	247117	Cl. 25, 35, 36. LITTLEWOODS LIMITED
224328	Cl. 5. ROWEX LTD.	247129	Cl. 36, 41. CAPPAGH HOSPITAL TRUST
224336	Cl. 16. N.V. NUTRICA	247130	Cl. 25. LAOCHRA SPORTS GEAR LIMITED
224340	Cl. 3, 5. RECKITT BENCKISER (UK) LIMITED	247140	Cl. 41. BRYONIE HOPPER
224362	Cl. 16. NUTRICIA INTERNATIONAL B.V.	247150	Cl. 33. JAMES A BARRY & CO. LTD
224363	Cl. 17. DEXGREEN LIMITED	247154	Cl. 30. CADBURY UK LIMITED
224399	Cl. 3. Unilever Global IP Limited	247156	Cl. 30. CADBURY UK LIMITED
224406	Cl. 5, 29. N.V. NUTRICA	247169	Cl. 5. BGP Products Operations GmbH
224407	Cl. 5. N.V. NUTRICA	247178	Cl. 41. CIARAN CONNOLLY
224458	Cl. 9, 16. The Reader's Digest Association Inc.	247188	Cl. 16, 36, 41. CHOOSE TO TRI LIMITED
224459	Cl. 29. Pringles S.à.r.l.		
224481	Cl. 29. Dawn Farm Foods Limited		
224482	Cl. 29. Dawn Fresh Foods Limited		
224535	Cl. 30. Jacobs Douwe Egberts BR Comercialização de Cafés Ltda.		
224541	Cl. 31. RUMENCO LIMITED		

247190	Cl. 16, 36, 41. CHOOSE TO TRI LIMITED	248000	Cl. 9, 20. DFS FURNITURE COMPANY LIMITED
247193	Cl. 29, 30. KP Snacks Limited	248102	Cl. 44. HEALTHCARE PEOPLE LIMITED T/A QUALITY HOMECARE
247195	Cl. 44. AILESBURY HAIR IMPLANTS LIMITED	248207	Cl. 35. STUART PERRY
247200	Cl. 35. C. CLIFFORD & SONS LIMITED	248208	Cl. 35. STUART PERRY
247209	Cl. 35. Recruitment Plus Limited	248499	Cl. 30. MCCAIN FOODS (GB) LIMITED
247211	Cl. 7, 9. KAPMAN AB	248658	Cl. 3. Fater S.p.a.
247213	Cl. 38. EOBO LIMITED T/A BBNET	249075	Cl. 44. KILLARA MARKETING LTD
247216	Cl. 6, 7, 8. NINGBO STEED TOOLS CO LTD		
247221	Cl. 22. RALPH DORAN T/A PRIME OFFICE FURNITURE		
247222	Cl. 36. DCR STRATEGIES INC		
247224	Cl. 35. GLC MANAGEMENT		
247225	Cl. 45. NIAMH SUPPLE		
247227	Cl. 3. HFC Prestige International Operations Switzerland Sarl		
247228	Cl. 41, 43. COLÁISTE CHAMUIS		
247233	Cl. 16, 26. KEANE'S WHOLESALE LTD.		
247234	Cl. 9. TAXI CHECK-IN LTD.		
247242	Cl. 9, 16, 36. PARK GROUP PLC		
247246	Cl. 35, 38, 42. GIANT TECHNOLOGIES LTD		
247248	Cl. 17. JOHN F HIGGINS		
247326	Cl. 16. MODERN PUBLICATIONS LTD		
247327	Cl. 16. MODERN PUBLICATIONS LTD		
247328	Cl. 16. MODERN PUBLICATIONS LTD		
247366	Cl. 6, 35, 37. MEMOTECH LIMITED		
247387	Cl. 43. CONNIE MCGARVEY		
247391	Cl. 9, 41. HANNAH NUALA KELLY		
247416	Cl. 2. AKZO NOBEL COATINGS INTERNATIONAL B.V.		
247431	Cl. 1. LA-CO INDUSTRIES, INC.		
247433	Cl. 1. LA-CO INDUSTRIES, INC.		
247468	Cl. 29. YOPLAIT MARQUES		
247518	Cl. 25, 35, 41. MARIA HILLIARD		
247608	Cl. 27. PROVINCIAL FLOORCOVERINGS LTD		
247631	Cl. 35, 41. NATIONAL MUSEUM OF IRELAND		
247632	Cl. 35, 41. NATIONAL MUSEUM OF IRELAND		
247677	Cl. 9, 11, 16, 18, 20, 22, 24, 27, 28. KNORR-NAHRMITTEL AKTIENGESELLSCHAFT		
247719	Cl. 5. UNIPHAR PLC		
247888	Cl. 29, 30, 35. 1-800-FLOWERS.COM, INC		

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.

MMI

0789357 16/11/2021

Class 9. Radios for automobiles, apparatus for the reproduction of sound or images, on-board computers, navigation apparatus, all such apparatus for vehicles; handling devices for electric and electronic functions in vehicles.

AUDI AG, Auto-Union-Str. 1, 85057 Ingolstadt, Germany

flour and preparations made from cereals, bread, pastry and confectionery, ices; honey, treacle; yeast, baking-powder; salt, mustard; vinegar, sauces (condiments); spices; ice.

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

ORKLA FOODS LATVIJA, SIA, Zvaigznu iela 1, Babites novads, Babites pagasts, LV-2101 Rigas rajons, Latvia

Representative: NINA DOLGICERE, Patentū agentūra KDK, Dzerbenes iela 27, LV-1006 RIGA, Latvia

SPILVA

1049639 25/10/2022

Class 29. Meat, fish, poultry and game; meat extracts; preserved, dried and cooked fruits and vegetables; jellies, jams, compotes; eggs, milk and milk products; edible oils and fats.

Class 30. Coffee, tea, cocoa, sugar, rice, tapioca, sago, artificial coffee;



1643275 13/04/2021

Class 1. Chemicals for use in industry, science and photography, as well as in agriculture, horticulture and forestry;

unprocessed artificial resins; unprocessed plastics; manures; fire [extinguishing compositions; preparations for melting and welding of metal; chemical substances for preserving foodstuffs; tanning substances; adhesives used in industry; ceramic compositions for high temperature treatment (granules and powder); aluminum oxide; plasticizers; composite materials for producing technical ceramics.

Class 7.

Machines and machine tools; machines for stretching metal sheets; machines for cutting metal sheets; machines for stacking metal sheets; ball grinders; machines for casting metal sheets; machines for punching metal sheets; printing machines; drying machines (spin dryers); machines for stacking metal sheets; automatic machines for stacking and printing multilayer components; rolling machines (presses); isostatic rolling machines; cutting/trimming machines; external arc spraying machines; sorting and measuring machines; machines for packaging components; sharpening machines.

Class 42.

Scientific and technological services and research and design services relating thereto; industrial analysis and research; design and development of computer hardware and software.

Priority Date Claimed: 14 October 2020 Slovenia

KEKO EQUIPMENT Ltd., Zuzemberk, Grajski trg 15, SI-8360 Zuzemberk, Slovenia

Colour Claimed: Blue and black.

Representative: Mark-Inventa Co., Ltd, Glinška ulica 14, SI-1000 Ljubljana, Slovenia

Precision Fertility

1650045 08/12/2021

Class 9.

Communications networks; communications programmes; communications systems; computer programs for use in communications; computer programs and recorded software distributed online; computer programs for data processing; computer programs for medical purposes; computer software; data processing software; programs for recording data in reproduction technology; scientific apparatus and instruments; apparatus for processing data relating to images; chips arrays and sensors using dna, genetic and other biological and diagnostic materials (scientific apparatus and instruments); genetic probe assay apparatus for sale in kit form; ultrasonic diagnostic instruments for laboratory use.

Class 42.

Design and development of computer software for others; digital imaging services (digitisation and scanning of images); genetic research; hosting of databases; hosting of software as a service (saas); medical research; scientific research; scientific research relating to biology; scientific research relating to genetics; computer software design; computer software development; design of

computer software; software as a service (saas); software creation; software engineering; biotechnological research; biotechnology research; dna testing services; laboratory analysis; laboratory research; laboratory testing services; scientific laboratory services; microbiological testing; advisory services relating to computer software; advisory services relating to scientific research; analysis of statistical data for scientific research; scientific and technical analysis; analysis of tissues for medical research; clinical trials; conducting clinical trials; mapping services; development of computer software; computer software engineering.

Class 45. Licensing of computer programs; licensing of intellectual property; licensing of patents; licensing of software.

Priority Date Claimed: 10 June 2021 Australia

Virtus Health Limited, Level 3, 176 Pacific Highway, Greenwich NSW 2065, Australia

Representative: GILCHRIST CONNELL PTY LTD, Level 4, 41 Currie Street, Adelaide SA 5000, Australia



1683978 18/07/2022

Class 42. Scientific and technological services and research and design relating thereto; industrial analysis, industrial

research and industrial design services; quality control and authentication services; design and development of computer hardware and software.

FIMPLE BILISIM SISTEMLERİ VE PAZARLAMA TICARET ANONİM SİRKETİ, MERKEZ MAHALLESİ, HASAT SOKAK KAMARA 52 1, SISLI, ISTANBUL, Türkiye

Representative: MARKIZ PATENT LIMITED SİRKETİ, NİSPETİYE MAHALLESİ NİSPETİYE, CADDESİ NO:6 LEVENT İS MERKEZİ K:2, ETİLER, BEŞİKTAS İSTANBUL, Türkiye



1691013 26/05/2022

Class 7. Machines, machine tools and industrial robots for processing and shaping wood, metals, glass, plastics and minerals, 3D printers; construction machines and robotic mechanisms (machines) for use in construction, bulldozers, diggers (machines), excavators, road construction and road paving machines, drilling machines, rock drilling machines, road sweeping machines; lifting, loading and transmission machines and robotic mechanisms (machines) for lifting, loading and transmission purposes, elevators, escalators and cranes; machines and robotic

mechanisms (machines) for use in agriculture and animal breeding, machines and robotic mechanisms (machines) for processing cereals, fruits, vegetables and food; machines for preparing and processing beverages; engines and motors, other than for land vehicles, parts and fittings therefor, hydraulic and pneumatic controls for engines and motors, brake linings, other than for vehicles, crankshafts, gearboxes, other than for land vehicles, cylinders for engines, pistons for engines, turbines, not for land vehicles, filters for engines and motors, oil, air and fuel filters for land vehicle engines, exhausts for land vehicle engines, exhaust manifolds for land vehicle engines, engine cylinders for land vehicles, engine cylinder heads for land vehicles, pistons for land vehicle engines, carburetors for land vehicles, fuel conversion apparatus for land vehicle engines, injectors for land vehicle engines, fuel economisers for land vehicle engines, pumps for land vehicle engines, clack valves [parts of machines], starter motors for land vehicles, dynamos for land vehicle engines, sparking plugs for land vehicle engines; bearings (parts of machines), roller or ball bearings; machines for mounting and detaching tires; alternators, current generators, electric generators, current generators operated with solar energy; painting machines, automatic spray guns for paint, electric, drilling machines, electric adhesive tape dispensers (machines), electric guns for compressed gas or liquid spraying machines, electric hand drills, electric hand saws, electric

jigsaw machines, sorting machines for industry, compressed air machines, compressors (machines), vehicle washing installations, robotic mechanisms (machines) with the abovementioned functions; electric and gas-operated welding apparatus, electric arc welding apparatus, electric soldering apparatus, electric arc cutting apparatus, electrodes for welding machines, industrial robots (machines) with the abovementioned functions; printing machines; packaging machines, filling, plugging and sealing machines, labellers (machines), sorting machines, industrial robots (machines) with the abovementioned functions, electric packing machines for plugging and sealing of plastics; machines for textile processing, sewing machines, industrial robots (machines) with the abovementioned functions; water, air, electric, hydraulic and pneumatic pumps, other than parts of machines or engines, fuel dispensing pumps for service stations, self-regulating fuel pumps; automatic vending machines; galvanizing and electroplating machines; electric door openers and closers; gaskets for engines and motors.

Class 9. Measurement apparatus and equipment including those for scientific, nautical, topographic, meteorologic, industrial and laboratory purposes, namely, thermometers not for medical purposes, barometers, ammeters, voltmeters, not for medical purposes, hygrometers, distance measuring apparatus, pressure measuring apparatus not for medical purposes,

speedometers, accelerometers, instruments for measuring length, technical measuring, testing and checking apparatus and instruments for measuring, testing and checking the temperature, pressure, quantity and concentration of gas and liquids, height measuring instruments, resistance measuring instruments, automotive measuring instruments, namely, water temperature gauges, air/fuel ratio gauges, boost gauges, vacuum gauges and exhaust gas temperature gauges, instruments for detecting and measuring two-dimensional distribution of force and pressure, scientific measuring instruments, namely, conductivity meters, measuring instruments, namely, gasometers, air quality measurement apparatus, namely, particle counters, apparatus and instruments for weighing, apparatus for analysing gases, computer-controlled apparatus for testing and measuring speed, acceleration, pressure, temperature, heat, entropy, distance, fuel levels, volume, time, electricity, radio frequency signals, concentrations of gas and liquids, audio signals, temperature, not for medical purposes; testing apparatus not for medical purposes, namely, electronic apparatus for testing automobile engine oil; apparatus for testing vehicle transmissions; apparatus for testing vehicle brakes; apparatus for testing gas, liquids and solids; telescopes, periscopes, directional compasses, speed indicators; laboratory apparatus, namely, microscopes, magnifying glasses, stills for scientific

purposes, ovens for laboratory use and furnaces for laboratory experiments; apparatus for recording, transmission or reproduction of sound; apparatus for recording, transmission and reproduction of images; cameras, photographic cameras; televisions; television apparatus for projection purposes; car televisions; video recorders; CD players; DVD players; CD recorders; DVD recorders; MP3 players, computers, desktop computers, tablet computers, microphones, loudspeakers, earphones; telecommunications apparatus in the nature of wireless transmitters and receivers, telecommunications transmitters; electronic transmitters and receivers for automobile diagnostics; apparatus for the reproduction of sound or images, computer peripheral devices, cell phones, covers for cell phones, telephone apparatus, computer printers for printing documents, data processing equipment in the nature of scanners, photocopiers; prerecorded magnetic data carriers and prerecorded optic data carriers featuring recorded computer software and recorded computer programmes recorded for operating automobiles, downloadable and recordable electronic publications in the nature of books, magazines, newsletters, blogs, and manuals in the field of automobiles, encoded magnetic cards in the nature of credit cards for in-car payment systems, encoded magnetic charge cards for charging payment via a charging station, encoded magnetic key cards for keyless access and start

system; encoded optic cards in the nature of credit cards for in-car payment systems, encoded optic charge cards for charging payment via a charging station, encoded optic key cards for keyless access and start system; antennas, satellite antennas, amplifiers for antennas; antennas and their replacement parts and structural parts thereof; satellite antennas and replacement parts and structural parts thereof; amplifiers for antennas and replacement parts and structural parts thereof, electronic components used in the electronic parts of machines and apparatus, namely, semi-conductors, electronic circuits, integrated circuits, integrated circuit chips for encoding and decoding digital video and integrated circuit chips for digital video compression and decompression, silicon chips as integrated circuit chips, computer hardware microchips as integrated circuit chips, diodes, electronic transistors, magnetic heads for electronic apparatus, electronic locks, photocells, remote control apparatus for opening and closing doors, optical sensors; speedometers for calculating consumption to determine fuel efficiency, odometers for calculating consumption to determine fuel efficiency; powermeters for calculating consumption to determine energy and fuel efficiency, volumeters in the nature of calculating machines for calculating consumption of fluids and energy; quantity indicators for measuring the quantity of consumption, namely, fuel gauges; automatic time switches;

clothing for protection against accidents, irradiation and fire; reflective safety vests; apparatus and instruments for conducting, transforming, accumulating or controlling electricity, namely, electrical conductors, electrical transformers, electrical controlling devices; electric plugs, electric junction boxes, electric switches, circuit breakers, fuses, lighting ballasts, battery starter cables, electrical circuit boards, electric resistances, electric sockets, electric transformers, electrical adapters, battery chargers, electric door bells, electric cables and electronic cables, batteries, electric accumulators; alarms, namely, sound alarms, security and fire alarms, and anti-theft alarms, other than for vehicles, in the nature of electric alarm bells; signalling apparatus and instruments, namely, vehicle traffic signals, luminous or mechanical road signs for traffic use; fire extinguishing apparatus, fire engines, fire hose and fire hose nozzles; radar apparatus, sonars, night vision apparatus and instruments, namely, night vision systems primarily comprised of night sensors, night cameras, and monitors.

Class 12. Motor land vehicles, motorcycles, mopeds; engines and motors for land vehicles; clutches for land vehicles; transmissions, transmission belts and transmission chains for land vehicles; gearing for land vehicles; brakes, brake discs and brake linings for land vehicles; vehicle chassis, automobile bonnets, vehicle suspension springs, shock absorbers for automobiles, gearboxes for land vehicles, steering wheels for vehicles, rims for vehicle wheels;

bicycles and their bodies; handlebars and mudguards for bicycles; vehicle bodies; tipping bodies for trucks; trailers for tractors; refrigerated bodies for land vehicles; trailer hitches for vehicles; vehicle seats; head-rests for vehicle seats; safety seats for children, for vehicles; seat covers for vehicles; vehicle covers (shaped); sun-blinds adapted for vehicles; direction signals and arms for direction signals for vehicles; windscreen wipers and wiper arms for vehicles; inner and outer tires for vehicle wheels; tubeless tires; tire-fixing sets comprised of tire patches and tire valves for vehicles; windows for vehicles, safety windows for vehicles, rearview mirrors and wing mirrors for vehicles; anti-skid chains for vehicles; luggage carriers for vehicles; bicycle and ski carriers for cars; saddles for bicycles or motorcycles; air pumps for vehicles, for inflating tires; anti-theft alarms for vehicles, horns for vehicles; safety belts for vehicle seats, air bags (safety devices for automobiles); baby carriages, wheelchairs, pushchairs; wheelbarrows; shopping carts; single or multi-wheeled wheelbarrows; shopping trolleys; grocery carts; handling carts; rail vehicles, locomotives; trains; trams; waggons; cable cars; chairlifts; vehicles for locomotion by water, vehicles for locomotion by air.

Class 35. Advertising, marketing and public relations; organization of exhibitions and trade fairs for commercial or advertising purposes; providing office functions, secretarial services, arranging newspaper subscriptions for others,

compilation of statistics, rental of office machines, systemization of information into computer databases, telephone answering for unavailable subscribers; business management, business administration and business consultancy, accounting, commercial consultancy services, personnel recruitment, personnel placement, employment agencies, import-export agencies, temporary personnel placement services; auctioneering; the bringing together, for the benefit of others, of a variety of goods, namely, machines, machine tools and industrial robots for processing and shaping wood, metals, glass, plastics and minerals, 3D printers, construction machines and robotic mechanisms (machines) for use in construction, bulldozers, diggers (machines), excavators, road construction and road paving machines, drilling machines, rock drilling machines, road sweeping machines, lifting, loading and transmission machines and robotic mechanisms (machines) for lifting, loading and transmission purposes, elevators, escalators and cranes, machines and robotic mechanisms (machines) for use in agriculture and animal breeding, machines and robotic mechanisms (machines) for processing cereals, fruits, vegetables and food, machines for preparing and processing beverages, engines and motors, other than for land vehicles, parts and fittings therefor, hydraulic and pneumatic controls for engines and motors, brakes other than for vehicles, brake linings for engines,

crankshafts, gearboxes, other than for land vehicles, cylinders for engines, pistons for engines, turbines, not for land vehicles, filters for engines and motors, oil, air and fuel filters for land vehicle engines, exhausts for land vehicle engines, exhaust manifolds for land vehicle engines, engine cylinders for land vehicles, engine cylinder heads for land vehicles, pistons for land vehicle engines, carburetors for land vehicles, fuel conversion apparatus for land vehicle engines, injectors for land vehicle engines, fuel economisers for land vehicle engines, pumps for land vehicle engines, valves for land vehicle engines, starter motors for land vehicles, dynamos for land vehicle engines, sparking plugs for land vehicle engines, bearings (parts of machines), roller or ball bearings, machines for mounting and detaching tires, alternators, current generators, electric generators, current generators operated with solar energy, painting machines, automatic spray guns for paint, electric, hydraulic and pneumatic punching machines and guns, electric adhesive tape dispensers (machines), electric guns for compressed gas or liquid spraying machines, electric hand drills, electric hand saws, electric jigsaw machines, spiral machines, compressed air machines, compressors (machines), vehicle washing installations, robotic mechanisms (machines) with the abovementioned functions, electric and gas-operated welding apparatus, electric arc welding apparatus, electric soldering apparatus, electric arc cutting apparatus, electrodes for welding

machines, industrial robots (machines) with the abovementioned functions, printing machines, packaging machines, filling, plugging and sealing machines, labellers (machines), sorting machines, industrial robots (machines) with the abovementioned functions, electric packing machines for plugging and sealing of plastics, machines for textile processing, sewing machines, industrial robots (machines) with the abovementioned functions, water, air, electric, hydraulic and pneumatic pumps, other than parts of machines or engines, fuel dispensing pumps for service stations, self-regulating fuel pumps, automatic vending machines, galvanizing and electroplating machines, electric door openers and closers, gaskets for engines and motors, measurement apparatus and equipment including those for scientific, nautical, topographic, meteorologic, industrial and laboratory purposes, thermometers, not for medical purposes, barometers, ammeters, voltmeters, not for medical purposes, hygrometers, testing apparatus not for medical purposes, telescopes, periscopes, directional compasses, speed indicators, laboratory apparatus, microscopes, magnifying glasses, stills, ovens and furnaces for laboratory experiments, apparatus for recording, transmission or reproduction of sound or images, cameras, photographic cameras, television apparatus, video recorders, CD and DVD players and recorders, MP3 players, computers, desktop computers, tablet computers, microphones, loudspeakers,

earphones,
telecommunications
apparatus, apparatus for the
reproduction of sound or
images, computer peripheral
devices, cell phones, covers
for cell phones, telephone
apparatus, computer printers,
scanners in the nature of data
processing equipment,
photocopiers, magnetic and
optic data carriers and
computer software and
programmes recorded thereto,
downloadable and recordable
electronic publications,
encoded magnetic and optic
cards, antennas, satellite
antennas, amplifiers for
antennas, parts of the
aforementioned goods,
electronic components used in
the electronic parts of
machines and apparatus, semi-
conductors, electronic circuits,
integrated circuits, integrated
circuits chips, diodes,
electronic transistors,
magnetic heads for electronic
apparatus, electronic locks,
photocells, remote control
apparatus for opening and
closing doors, optical sensors,
counters and quantity
indicators for measuring the
quantity of consumption,
automatic time switches,
clothing for protection against
accidents, irradiation and fire,
safety vests and life-saving
apparatus and equipment,
apparatus and instruments for
conducting, transforming,
accumulating or controlling
electricity, electric plugs,
electric junction boxes,
electric switches, circuit
breakers, fuses, lighting
ballasts, battery starter cables,
electrical circuit boards,
electric resistances, electric
sockets, electric transformers,
electrical adapters, battery
chargers, electric door bells,
electric and electronic cables,
batteries, electric

accumulators, alarms and anti-
theft alarms, other than for
vehicles, electric bells,
signalling apparatus and
instruments, luminous or
mechanical signs for traffic
use, fire extinguishing
apparatus, fire engines, fire
hose and fire hose nozzles,
radar apparatus, sonars, night
vision apparatus and
instruments, motor land
vehicles, motorcycles,
mopeds, engines and motors
for land vehicles, clutches for
land vehicles, transmissions,
transmission belts and
transmission chains for land
vehicles, gearing for land
vehicles, brakes, brake discs
and brake linings for land
vehicles, vehicle chassis,
automobile bonnets, vehicle
suspension springs, shock
absorbers for automobiles,
gearboxes for land vehicles,
steering wheels for vehicles,
rims for vehicle wheels,
vehicle bodies, tipping bodies
for trucks, trailers for tractors,
frigorific bodies for land
vehicles, trailer hitches for
vehicles, vehicle seats, head-
rests for vehicle seats, safety
seats for children, for
vehicles, seat covers for
vehicles, shaped vehicle
covers, sun-blinds adapted for
vehicles, direction signals and
arms for direction signals for
vehicles, windscreen wipers
and wiper arms for vehicles,
inner and outer tires for
vehicle wheels, tubeless tires,
tire-fixing sets comprised of
tire patches and tire valves for
vehicles, windows for
vehicles, safety windows for
vehicles, rearview mirrors and
wing mirrors for vehicles,
anti-skid chains for vehicles,
luggage carriers for vehicles,
bicycle and ski carriers for
cars, saddles for bicycles or
motorcycles, air pumps for
vehicles, for inflating tires,

anti-theft alarms for vehicles, horns for vehicles, safety belts for vehicle seats, air bags, motor land vehicles, motorcycles, mopeds, engines and motors for land vehicles, clutches for land vehicles, transmissions, transmission belts and transmission chains for land vehicles, gearing for land vehicles, brakes, brake discs and brake linings for land vehicles, vehicle chassis, automobile bonnets, vehicle suspension springs, shock absorbers for automobiles, gearboxes for land vehicles, steering wheels for vehicles, rims for vehicle wheels, bicycles and their bodies, handlebars and mudguards for bicycles, vehicle bodies, tipping bodies for trucks, trailers for tractors, refrigerated bodies for land vehicles, trailer hitches for vehicles, vehicle seats, head-rests for vehicle seats, safety seats for children, for vehicles, seat covers for vehicles, vehicle covers (shaped), sun-blinds adapted for vehicles, direction signals and arms for direction signals for vehicles, windscreen wipers and wiper arms for vehicles, inner and outer tires for vehicle wheels, tubeless tires, tire-fixing sets comprised of tire patches and tire valves for vehicles, windows for vehicles, safety windows for vehicles, rearview mirrors and wing mirrors for vehicles, anti-skid chains for vehicles, luggage carriers for vehicles, bicycle and ski carriers for cars, saddles for bicycles or motorcycles, air pumps for vehicles, for inflating tires, anti-theft alarms for vehicles, horns for vehicles, safety belts for vehicle seats, air bags (safety devices for automobiles), baby carriages,

wheelchairs, pushchairs, wheelbarrows, shopping carts, single or multi-wheeled wheelbarrows, shopping trolleys, grocery carts, handling carts, rail vehicles, locomotives, in the nature of safety devices for automobiles, enabling customers to conveniently view and purchase those goods, such services provided through retail stores, wholesale store outlets, online retail stores, online wholesale store outlets and mail order catalogues all featuring the aforementioned goods, and such services excluding the transport of those goods.

Class 37. Construction services, rental of construction machines and equipment; cleaning services for buildings (interior and exterior), public areas, industrial premises; disinfecting, vermin control services, other than for agriculture, aquaculture, horticulture and forestry, rental of cleaning machines and equipment; vehicles service stations for land vehicles, maintenance, repair and refueling of land vehicles; vehicles service stations for marine vehicles, maintenance, repair and refueling of marine vehicles; repair and maintenance of air vehicles; upholstery, repair and restoration of furniture; installation, maintenance and repair of heating, cooling and sanitary installations; cleaning, care and repair of clothing; installation, maintenance and repair of industrial machines and equipment, office machines and equipment, communication apparatus, electric and electronic appliances; repair and maintenance of lifts; clock and watch repair; mining

extraction services and mining extraction; repair of shoes, bags and belts.

- Class 42. Scientific and industrial analysis and research services; engineering; engineering and architectural design services; testing services for the certification of quality and standards; computer services, namely, computer programming, computer virus protection services, computer system design, creating, maintaining and updating websites for others, computer software design, updating and rental of computer software, development of software for digital asset and cryptocurrency transactions service, providing search engines for the Internet, hosting websites, consultancy in the design and development of computer hardware, rental of computer hardware; industrial design services, other than engineering, computer and architectural design; graphic arts designing; authenticating works of art.

ASKO HOLDING ANONIM SIRKETI, Baspınar (Organize) OSB Mah. O.S.B, 4.Bölge 83426 Nolu Cad. 1 Sehitkamil, Gaziantep, Türkiye

Representative: INKA PATENT
DANISMANLIK LTD.STI.,
MEHMET AKIF ERSOY
MAH., WINGS ANKARA
274.SOKAK A BLOK, KAT:13
D:92 YENIMAHALLE,
ANKARA, Türkiye

LBG MEDIA

1692823 24/05/2022

- Class 9. Publications in electronic format; downloadable publications; downloadable electronic publications; online electronic publications downloadable from the Internet; publications in electronic form supplied online from databases or from facilities provided on the Internet (including web sites); electronic magazines; multi-media recordings and publications; printed publications in electronically readable form; computer software and programs; computer games; downloadable software; computer software downloadable from the Internet; application software; application software for mobile communication devices; data recorded in electronic, optical or magnetic form; data carriers; data storage media; audio and/or video recordings; downloadable and streamable audio and/or video recordings.
- Class 35. Advertising services; advertising via the Internet; provision of advertising space; provision of space on web sites for advertising goods and services; promotional and marketing services; providing marketing consulting in the field of social media; advertising and marketing services provided by social media; operation and supervision of membership schemes; consumer research services; market research services; research in relation to advertising and marketing; opinion polling; retail services and online retail services

connected with the sale of electronic magazines, multi-media recordings and publications, multi-media content, printed publications in electronically readable form, computer software and programs, computer games software, downloadable software, computer software downloadable from the Internet, application software, application software for mobile communication devices; retail services and online retail services connected with the sale of audio and/or video recordings, downloadable and streamable audio and/or video recordings, magnets, printed matter, printed publications, magazines, journals, periodical publications, books, newsletters, leaflets; retail services and online retail services connected with the sale of diaries, calendars, labels, folders, binders, note books, paper, stationery, writing implements, greeting cards, wrapping and packaging materials, paper table linen, beer mats, paper flags and pennants, paper banners, bags, tableware, glassware, drinking vessels, cups, mugs, bottle openers, corkscrews, flasks, textiles, household textile articles, table linen, towels, tea towels, aprons, clothing, fashion accessories, games and playthings, playing cards, confetti, balloons, party novelties, food products, beverages; information, advisory and consultancy services relating to all of the aforesaid services.

Class 38. Telecommunications; communications services; broadcasting services; webcasting services; podcast broadcasting services; broadcasting via the Internet

and other computer and communication networks; electronic communications services; broadcasting, transmission, reception and other dissemination of text, messages, information, data, sound and images; providing access to a multimedia content and video sharing portal; electronic transmission of data, messages and information; receiving and exchanging of information, text, sounds, images, data and messages; communications by and/or between computers and computer terminals and computer networks; retrieval, transmission of information from a computer stored databank; provision of access to computer databases in the fields of social networking and online communities; electronic transmission of information, text, images, messages and data; online communication services; chat room services; forums for social networking; providing internet chat rooms and internet forums; provision of online forums for communication on topics of general interest; online forums relating to education and entertainment, music, community, current affairs, culture, fashion, films, food, careers, women, health, fitness, travel, sports, adventure and lifestyle; provision of online community forums for uploading, posting, storing, displaying, sharing, watching, viewing, playing, editing, downloading, receiving, electronically transmitting or otherwise providing electronic media, multimedia content, audio and video content, movies, music, games, photos, images, pictures, graphics, text, messages, information,

- data, news and user-generated content via the Internet and other computer and communication networks; information, advisory and consultancy services relating to all of the aforesaid services.
- Class 41. Entertainment services; education services; sporting and cultural activities; online education entertainment services; entertainment services provided via the Internet and other computer and communications networks; entertainment services featuring electronic media, multimedia content, audio and video content, movies, music, games, photos, images, pictures, graphics, text, messages, information, data, news and user-generated content provided via the Internet and other computer and communication networks; presentation of data, messages and documents for entertainment purposes; interactive information provided online via the Internet and other computer and communication networks, relating to education and entertainment, music, fashion, films, food, careers, community, current affairs, health, fitness, culture, travel, sports, adventure and lifestyle; provision of entertainment information for accessing via communication and computer networks; providing non-downloadable electronic publications; providing online publications (not downloadable); providing online non-downloadable magazines; creation (writing) of entertainment and educational content for podcasts, webcasts, publications, vodcasts, online quizzes, online videos, and programmes; production of video recordings and sound recordings; production of webcasts; production of podcasts; publishing services; publication of magazines, books, texts and printed matter; publishing by electronic means; digital video, audio and multimedia entertainment publishing services; provision of audio and/or visual material and games online (not downloadable); arranging, organising and conducting of games, contests, competitions, quizzes, awards, conferences, exhibitions, courses, seminars and events; organising, conducting and production of shows, displays and parties; arranging, organising, presentation and provision of concerts, live entertainment, musical performances; arranging and conducting award ceremonies; presentation of awards for achievement; arranging, organising and conducting of events for cultural and sporting purposes; organisation of sporting competitions and sports events; gaming services; information, advisory and consultancy services relating to all of the aforesaid services.
- Class 42. Providing online non-downloadable software; providing non-downloadable software to enable uploading, posting, storing, displaying, sharing, watching, viewing, playing, editing, downloading, receiving, publishing, distributing, streaming, reproducing, electronically transmitting or otherwise providing electronic media, multimedia content, audio and video content, movies, music, games, photos, images, pictures, graphics, text, messages, information, data, news and user-generated content via the Internet and

other computer and communication networks; providing non-downloadable software to enable sharing of online content among users; providing temporary use of non-downloadable software applications for social and community networking; hosting online web facilities for others; hosting multimedia content for others; hosting electronic facilities for others for organising online groups and events, participating in online meetings and discussions, and enabling online community and social networking; website hosting and design services; maintenance of websites; hosting online web facilities for others for conducting interactive discussions; product research; research in the field of social media; conducting of surveys; information, advisory and consultancy services relating to all of the aforesaid services.

Priority Date Claimed: 25 November 2021 United Kingdom

LADbible Group Limited, 20 Dale Street, Manchester M1 1EZ, United Kingdom

Representative: Bristows LLP, 100 Victoria Embankment, London EC4Y 0DH, United Kingdom



1693218 11/07/2022

- 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; hardware and 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 equipment, gaming machines, machines for gambling; electropneumatic and electrical gambling machines (slot machines).

Class 41. 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 gaming 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.

Priority Date Claimed: 13 January 2022 Bulgaria

Euro Games Technology Ltd., 4, "Maritsa" Str., "Vranya-Lozen-Triugulnika", BG-1151 Sofia, Bulgaria

Colour Claimed: Yellow, orange, red, green, black, white and beige., Yellow, orange, red, green, black, white, beige - for the word and figurative elements.

Representative: KOSTADIN MANEV, MANEV AND PARTNERS, 73, Patriarh Evtimii Blvd., Floor 1, BG-1463 SOFIA, Bulgaria

Gems' Realm

1693445 11/07/2022

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

<p>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; hardware and software for gambling, gambling machines, gambling games on the Internet and via telecommunication network.</p> <p>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 equipment, gaming machines, machines for gambling; electropneumatic and</p>	<p>electrical gambling machines (slot machines).</p> <p>Class 41. 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 gaming 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.</p> <p>Priority Date Claimed: 13 January 2022 Bulgaria</p> <p>Euro Games Technology Ltd., 4, "Maritsa" Str., "Vranya-Lozen-Triugulnika", BG-1151 Sofia, Bulgaria</p> <p>Representative: KOSTADIN MANEV, MANEV AND PARTNERS, 73, Patriarh Evtimii Blvd., Floor 1, BG-1463 SOFIA, Bulgaria</p>
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Representative: YOUXIANGONGSI, Room 2303, 23rd Floor, Dongzhao Building, No. 515 Dongfeng Middle Road, Yuexiu District, Guangzhou City, Guangdong Province, China

1694075 17/08/2022

- Class 29. Meat, tinned; meat, frozen; fish-based foodstuffs; fruit-based snack food; eggs; milk and milk products; fruit jelly spreads; nuts prepared; edible fungi, processed; tofu skin; lotus seed paste.
- Class 30. Coco-based beverages; chocolate-based beverages; coffee; sugar; confectionery; moon cakes; pastries; wheat germ for human consumption; bread; pies; cakes; biscuits; instant rice; baozi; jiaozi; rice dumpling; boxed lunches consisting primarily of rice; injeolmi [glutinous rice cakes coated with powdered beans]; cake powder; frozen yogurt [confectionery ices]; soya bean paste [seasoning]; condiments; steamed bun; tang yuan [glutinous rice balls]; red bean paste for use as a condiment; steamed bread roll.

Guangzhou Taotao Ju Co., Ltd., Room 2701, No. 477 Hanxi Dadaodong, Panyu District, Guangzhou City, 510000 Guangdong Province, China

Notings: Transliteration of the mark:
TAO TAO JU

GUANGZHOU WEICHENG
ZHISHICHANQUAN
ZIXUNFUWU