

Annex 1: International patent applications by origin (PCT System)

Origin	2021	2022 Estimate	Origin	2021	2022 Estimate	Origin	2021	2022 Estimate
Total	277,182	278,100	Total	277,182	278,100	Total	277,182	278,100
China	69,604	70,015	Slovakia	39	44	Republic of Moldova	3	4
US	59,403	59,056	Iceland	30	41	Trinidad and Tobago	2	4
Japan	50,275	50,345	Morocco	63	41	Costa Rica	5	3
Republic of Korea	20,723	22,012	Romania	25	41	Iraq	0	3
Germany	17,266	17,530	Lithuania	47	39	Libya	1	3
France	7,334	7,764	Bulgaria	47	37	Mongolia	1	3
UK	5,841	5,739	Estonia	50	34	Samoa	2	3
Switzerland	5,461	5,367	Peru	38	33	Sudan	3	3
Sweden	4,441	4,471	Argentina	30	31	Curaçao	1	2
Netherlands	4,119	4,092	Philippines	50	31	Jamaica	5	2
Italy	3,568	3,333	Qatar	27	29	Pakistan	1	2
India	2,087	2,618	Serbia	23	29	Seychelles	2	2
Canada	2,596	2,594	Viet Nam	34	27	Syrian Arab Republic	6	2
Israel	2,121	1,971	Jordan	24	26	Uganda	4	2
Türkiye	1,739	1,790	Antigua and Barbuda	3	25	Zimbabwe	1	2
Finland	1,893	1,768	Kazakhstan	31	25	Belize	3	1
Singapore	1,653	1,740	Mauritius	32	21	Benin	0	1
Australia	1,763	1,735	Sri Lanka	39	20	Bhutan	0	1
Denmark	1,553	1,497	Croatia	38	19	Bolivia (Plurinational State of)	0	1
Spain	1,561	1,460	Algeria	7	18	Comoros	1	1
Austria	1,579	1,427	Monaco	20	15	Côte d'Ivoire	0	1
Belgium	1,389	1,305	Belarus	20	14	Democratic Republic of the Congo	0	1
Russian Federation	981	839	Bermuda	10	14	Dominica	0	1
Ireland	908	806	Cuba	15	12	Guatemala	2	1
Norway	721	801	Cuba	15	12	Guinea	0	1
Brazil	616	548	Indonesia	9	9	Holy See	2	1
Saudi Arabia	822	470	Georgia	18	8	Honduras	1	1
Poland	381	382	Oman	12	8	Lao People's Democratic Republic	0	1
Iran (Islamic Republic of)	363	373	Panama	12	8	Madagascar	1	1
New Zealand	371	338	San Marino	6	8	Marshall Islands	0	1
Luxembourg	345	308	Armenia	4	7	Micronesia (Federated States of)	0	1
Czech Republic	281	258	Bahrain	4	7	Saint Lucia	0	1
Portugal	252	226	Lebanon	3	7	Turkmenistan	0	1
South Africa	226	222	Tunisia	14	7	Uzbekistan	3	1
Liechtenstein	269	202	Dominican Republic	1	6	Angola	1	0
Mexico	166	199	Ecuador	15	6	Bangladesh	2	0
Chile	166	194	Uruguay	5	6	Botswana	3	0
Thailand	147	175	Kenya	9	5	Cambodia	2	0
Malaysia	135	159	Albania	0	4			
Hungary	114	145	Andorra	7	4			
Greece	91	140	Azerbaijan	5	4			
Colombia	98	121	Bahamas	4	4			
Slovenia	96	121	Bosnia and Herzegovina	12	4			
United Arab Emirates	125	109	Cameroon	4	4			
Ukraine	132	78	D.P.R.K.	1	4			
Egypt	54	63	Gabon	1	4			
Cyprus	58	52	Kuwait	7	4			
Barbados	29	50	Montenegro	2	4			
Malta	47	48	Namibia	10	4			
Latvia	39	45	Nigeria	5	4			
			North Macedonia	7	4			

Annex 2: Top PCT applicants

2022 overall position in PCT ranking	Position changed in overall PCT ranking	Applicant's Name	Origin	2021	2022
1	0	HUAWEI TECHNOLOGIES CO., LTD.	China	6,952	7,689
2	1	SAMSUNG ELECTRONICS CO., LTD.	Republic of Korea	3,041	4,387
3	-1	QUALCOMM INCORPORATED	US	3,931	3,855
4	1	MITSUBISHI ELECTRIC CORPORATION	Japan	2,673	2,320
5	3	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	Sweden	1,877	2,158
6	0	GUANG DONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD	China	2,208	1,963
7	5	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	Japan	1,508	1,884
7	0	BOE TECHNOLOGY GROUP CO.,LTD	China	1,980	1,884
9	-5	LG ELECTRONICS INC.	Republic of Korea	2,885	1,793
10	0	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	Japan	1,741	1,776
11	5	VIVO MOBILE COMMUNICATION CO., LTD.	China	1,336	1,515
12	-3	SONY GROUP CORPORATION	Japan	1,789	1,513
13	0	ZTE CORPORATION	China	1,493	1,479
14	1	NEC CORPORATION	Japan	1,350	1,428
15	3	ROBERT BOSCH CORPORATION	Germany	1,213	1,290
16	1	MICROSOFT TECHNOLOGY LICENSING, LLC	US	1,303	1,271
17	23	LG ENERGY SOLUTION, LTD.	Republic of Korea	548	1,186
18	1	FUJIFILM CORPORATION	Japan	1,095	1,181
19	3	MURATA MANUFACTURING CO., LTD.	Japan	882	1,043
20	0	SZ DJI TECHNOLOGY CO., LTD	China	1,042	920
21	27	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.	China	473	913
22	-8	HEWLETT-PACKARD DEVELOPMENT COMPANY, L. P.	US	1,485	894
23	-2	DENSO CORPORATION	Japan	915	857
24	12	APPLIED MATERIALS, INC.	US	571	856
25	0	GOOGLE INC.	US	763	830
26	25	APPLE INC.	US	428	822
27	8	INTERNATIONAL BUSINESS MACHINES CORPORATION	US	576	816
28	-1	SONY SEMICONDUCTOR SOLUTIONS CORPORATION	Japan	732	789
29	53	CHANGXIN MEMORY TECHNOLOGIES, INC.	China	281	786
30	-2	NTT DOCOMO, INC.	Japan	713	764
31	-5	KONINKLIJKE PHILIPS ELECTRONICS N.V.	Netherlands	758	737
32	-1	NOKIA TECHNOLOGIES OY	Finland	655	718
33	9	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	China	511	690
34	-11	SAUDI ARABIAN OIL CO.	Saudi Arabia	838	680
35	-1	SIEMENS AKTIENGESELLSCHAFT	Germany	623	656
36	-7	AAC ACOUSTIC TECHNOLOGIES (SHENZHEN) CO., LTD.	China	679	620
37	-7	3M INNOVATIVE PROPERTIES COMPANY	US	660	609
38	81	INTEL CORPORATION	US	209	591
39	-15	LG CHEM, LTD.	Republic of Korea	824	587
40	7	HITACHI, LTD.	Japan	474	563
41	-2	UNIVERSITY OF CALIFORNIA	US	551	552
42	7	DAIKIN INDUSTRIES, LTD.	Japan	449	536
43	-32	PING AN TECHNOLOGY (SHENZHEN) CO., LTD.	China	1,564	521
44	8	HITACHI ASTEMO, LTD.	Japan	410	517
45	-8	KYOCERA CORPORATION	Japan	562	508
46	-8	BASF SE	Germany	552	507
46	-5	SHARP KABUSHIKI KAISHA	Japan	543	507
48	7	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	Germany	374	489
49	-6	SCHAEFFLER TECHNOLOGIES AG & CO. KG	Germany	505	488
50	3	SHENZHEN INSTITUTE OF ADVANCED TECHNOLOGY	China	396	486

Annex 3: Top PCT applicants by educational institution

2022 overall position in PCT ranking	Position changed in overall PCT ranking	Applicant's Name	Origin	2021	2022
41	-2	UNIVERSITY OF CALIFORNIA	US	551	552
71	1	ZHEJIANG UNIVERSITY	China	306	309
73	112	SUZHOU UNIVERSITY	China	153	303
124	8	LELAND STANFORD JUNIOR UNIVERSITY	US	194	217
143	6	BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	US	177	187
161	-36	TSINGHUA UNIVERSITY	China	201	174
176	-73	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	US	227	161
177	47	JOHNS HOPKINS UNIVERSITY	US	129	160
177	90	SEOUL NATIONAL UNIVERSITY	Republic of Korea	110	160
190	52	HANYANG UNIVERSITY	Republic of Korea	121	149
192	47	YONSEI UNIVERSITY	Republic of Korea	122	148
194	17	KOREA UNIVERSITY	Republic of Korea	138	147
210	-40	NATIONAL UNIVERSITY OF SINGAPORE	Singapore	163	138
224	18	JIANGNAN UNIVERSITY	China	121	128
228	98	JIANGSU UNIVERSITY	China	92	125
242	293	NANYANG TECHNOLOGICAL UNIVERSITY	Singapore	54	119
248	-61	UNIVERSITY OF TOKYO	Japan	150	118
251	-49	SHENZHEN UNIVERSITY	China	142	116
263	49	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	Republic of Korea	95	112
273	-112	SOUTH CHINA UNIVERSITY OF TECHNOLOGY	China	169	110
275	-20	UNIVERSITY OF MICHIGAN	US	113	109
276	78	UNIVERSITY OF ARIZONA	US	84	108
295	53	SOUTHEAST UNIVERSITY	China	86	99
295	-28	UNIVERSITY OF FLORIDA	US	110	99
298	-15	SHANDONG UNIVERSITY	China	105	98
304	50	NORTHWESTERN UNIVERSITY	US	84	96
309	-44	OSAKA UNIVERSITY	Japan	111	95
327	88	CORNELL UNIVERSITY	US	70	90
336	7	SHANGHAI JIAOTONG UNIVERSITY	China	87	88
336	-52	HARVARD UNIVERSITY	US	104	88
343	116	UNIVERSITY OF PENNSYLVANIA	US	63	87
349	-12	COLUMBIA UNIVERSITY	US	89	85
361	98	UNIVERSITY OF WASHINGTON	US	63	83
363	-9	DUKE UNIVERSITY	US	84	82
363	119	TOHOKU UNIVERSITY	Japan	60	82
372	19	CATHOLIC UNIVERSITY	Republic of Korea	75	80
378	62	UNIVERSITY OF COLORADO	US	66	79
378	-90	KYOTO UNIVERSITY	Japan	103	79
384	-192	DALIAN UNIVERSITY OF TECHNOLOGY	China	146	78
407	-64	HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	China	87	73
411	-99	PEKING UNIVERSITY	China	95	72
421	417	JIANGSU UNIVERSITY OF SCIENCE AND TECHNOLOGY	China	33	71
421	-48	UNIVERSITY OF PITTSBURGH	US	81	71
427	258	IMPERIAL INNOVATIONS LTD.	UK	41	70
442	-69	OXFORD UNIVERSITY INNOVATION LIMITED	UK	81	68
451	8	SUN YAT-SEN UNIVERSITY	China	63	67
465	-258	QINGDAO TECHNOLOGICAL UNIVERSITY	China	139	65
465	247	SOUTH UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA	China	39	65
486	-12	NANJING UNIVERSITY	China	61	62
497	-31	PURDUE UNIVERSITY	US	62	61

Annex 4: International applications by field of technology (PCT System)

Technical Field	2020	2021	2022	Share (%)	Growth (%)
I Electrical engineering					
1 Electrical machinery, apparatus, energy	17,367	18,229	19,348	7.1	6.1
2 Audio-visual technology	11,534	10,839	10,157	3.7	-6.3
3 Telecommunications	6,445	6,375	6,426	2.4	0.8
4 Digital communication	22,079	23,609	25,664	9.4	8.7
5 Basic communication processes	1,610	1,647	1,697	0.6	3.0
6 Computer technology	24,344	26,109	28,220	10.4	8.1
7 IT methods for management	5,891	5,298	5,374	2.0	1.4
8 Semiconductors	8,862	8,346	8,912	3.3	6.8
II Instruments					
9 Optics	8,371	7,920	7,395	2.7	-6.6
10 Measurement	12,704	12,158	12,645	4.6	4.0
11 Analysis of biological materials	2,062	2,154	2,248	0.8	4.4
12 Control	5,457	5,181	5,252	1.9	1.4
13 Medical technology	17,500	18,553	19,014	7.0	2.5
III Chemistry					
14 Organic fine chemistry	6,351	6,155	6,494	2.4	5.5
15 Biotechnology	7,985	8,747	9,334	3.4	6.7
16 Pharmaceuticals	10,767	12,160	12,553	4.6	3.2
17 Macromolecular chemistry, polymers	4,656	4,479	4,652	1.7	3.9
18 Food chemistry	2,383	2,468	2,578	0.9	4.5
19 Basic materials chemistry	5,712	5,484	5,552	2.0	1.2
20 Materials, metallurgy	4,685	4,314	4,632	1.7	7.4
21 Surface technology, coating	4,014	3,834	3,979	1.5	3.8
22 Micro-structural and nano-technology	456	440	422	0.2	-4.1
23 Chemical engineering	5,285	5,230	5,503	2.0	5.2
24 Environmental technology	3,020	2,771	2,841	1.0	2.5
IV Mechanical engineering					
25 Handling	6,413	6,258	6,575	2.4	5.1
26 Machine tools	4,315	4,308	4,282	1.6	-0.6
27 Engines, pumps, turbines	5,123	4,443	4,369	1.6	-1.7
28 Textile and paper machines	2,952	2,623	2,425	0.9	-7.5
29 Other special machines	7,483	7,232	7,274	2.7	0.6
30 Thermal processes and apparatus	4,306	3,928	4,034	1.5	2.7
31 Mechanical elements	5,847	5,162	5,048	1.9	-2.2
32 Transport	11,290	10,117	10,051	3.7	-0.7
V Other fields					
33 Furniture, games	4,718	4,491	4,933	1.8	9.8
34 Other consumer goods	6,045	5,842	6,331	2.3	8.4
35 Civil engineering	6,502	6,319	5,940	2.2	-6.0

Annex 5: International trademark applications by origin (Madrid System)

Origin	2021	2022 Estimate	Origin	2021	2022 Estimate
Total	73,500	69,000	Total	73,500	69,000
US	13,282	12,495	Iran (Islamic Republic of)	53	44
Germany	8,794	7,695	Iceland	54	41
China	5,273	4,991	North Macedonia	52	33
France	4,891	4,403	Armenia	42	31
UK	4,266	4,227	Bosnia and Herzegovina	22	26
Switzerland	3,845	3,745	Georgia	23	23
Japan	3,229	3,145	Bermuda	8	17
Italy	3,205	2,760	Chile	9	17
Türkiye	2,270	2,389	Azerbaijan	12	13
Australia	2,563	2,362	Mongolia	4	12
Republic of Korea	1,979	2,021	Oman	7	12
Netherlands	1,667	1,791	San Marino	15	11
Spain	1,619	1,556	Tunisia	13	11
Russian Federation	1,572	1,469	Andorra	12	10
Sweden	1,257	1,144	Curaçao	4	9
Austria	1,181	1,129	Kyrgyzstan	11	9
Canada	1,044	931	D.P.R.K.	12	7
Singapore	782	882	Pakistan	0	7
Belgium	925	761	Trinidad and Tobago	2	7
Denmark	775	742	Uruguay	0	7
New Zealand	534	487	Algeria	8	6
India	358	455	Bahamas	8	6
Poland	588	455	Tajikistan	3	5
Finland	626	453	Belize	28	4
Israel	400	435	Cambodia	4	4
Norway	426	388	Kenya	8	4
Luxembourg	331	364	Albania	13	3
Bulgaria	292	331	Barbados	25	3
Ireland	322	290	Ghana	1	3
Portugal	213	271	Mauritius	5	3
Ukraine	391	268	Montenegro	10	3
Cyprus	258	254	Panama	4	3
Hungary	249	232	Syrian Arab Republic	22	3
Croatia	189	229	Angola	0	2
Slovenia	215	227	Cuba	5	2
Czech Republic	288	218	Marshall Islands	2	2
Serbia	211	194	Qatar	6	2
Brazil	181	161	Senegal	4	2
Viet Nam	155	157	Seychelles	13	2
Malaysia	174	152	Antigua and Barbuda	7	1
Belarus	243	141	Bahrain	3	1
Estonia	115	126	Bangladesh	0	1
Colombia	65	125	China, Hong Kong SAR	0	1
Romania	94	123	Democratic Republic of the Congo	0	1
Lithuania	131	122	Kuwait	0	1
United Arab Emirates	35	110	Lebanon	1	1
Kazakhstan	117	109	Libya	0	1
Greece	155	104	Madagascar	1	1
Indonesia	121	94	Mali	0	1
Morocco	100	91	Myanmar	0	1
Mexico	115	85	Namibia	8	1
Latvia	118	83	Saint Kitts and Nevis	2	1
Malta	113	78	Saint Lucia	0	1
Liechtenstein	66	76	Turkmenistan	0	1
Republic of Moldova	74	71	Cameroon	1	0
Egypt	52	66	Dominican Republic	1	0
Thailand	96	65	Ecuador	4	0
Slovakia	107	62	Gabon	1	0
Philippines	71	60	Iraq	1	0
Uzbekistan	31	56	Mozambique	2	0
Monaco	74	47	Niger	1	0
			Paraguay	1	0
			Rwanda	1	0
			Saint Vincent and the Grenadines	2	0
			Saudi Arabia	1	0
			South Africa	2	0
			Sri Lanka	4	0
			Zambia	1	0
			Unknown	18	23

Annex 6: Top Madrid applicants

2022 Ranking	Position Changed	Applicant's Name	Origin	2021	2022
1	0	L'OREAL	France	177	160
2	3	NOVARTIS AG	Switzerland	94	131
3	0	GLAXO GROUP LIMITED	UK	110	128
4	2	EURO GAMES TECHNOLOGY LTD.	Bulgaria	93	120
5	43	HYUNDAI MOTOR COMPANY	Republic of Korea	31	108
6	2	SHISEIDO COMPANY, LTD	Japan	90	92
7	1650	MAPLEBEAR INC.	US	4	82
8	2	SYNGENTA CROP PROTECTION AG	Switzerland	85	80
9	-5	HUAWEI TECHNOLOGIES CO., LTD.	China	99	74
10	7	NINTENDO CO., LTD.	Japan	58	70
11	2	RIGO TRADING S.A. SOCIETE ANONYME	Luxembourg	64	67
12	8	RENAULT S.A.S SOCIETE PAR ACTIONS SIMPLIFIEE	France	55	56
13	297	BAYER AKTIENGESELLSCHAFT	Germany	10	55
13	-2	SOCIETE DES PRODUITS NESTLE S.A.	Switzerland	76	55
15	1100	MERCK SHARP & DOHME B.V.	Netherlands	5	53
16	1	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	Germany	58	52
16	197	BRILLUX GMBH & CO. KG	Germany	12	52
16	-2	RICHTER GEDEON NYRT.	Hungary	61	52
19	21	ABERCROMBIE & FITCH EUROPE SA	Switzerland	36	51
19	357	MODERNATX, INC.	US	9	51
21	31	KIA CORPORATION	Republic of Korea	30	50
22	42	KRKA, TOVARNA ZDRAVIL, D.D., NOVO MESTO	Slovenia	26	47
23	5	AMOREPACIFIC CORPORATION	Republic of Korea	43	46
24	-17	APPLE INC.	US	92	44
24	-16	HENKEL AG & CO KGAA	Germany	90	44
24	n/a	JONATHAN MARK KENDRICK	UK	0	44
24	71	MIZUNO CORPORATION	Japan	21	44
28	3	PHILIP MORRIS PRODUCTS S.A.	Switzerland	41	43
29	n/a	ADME (CY) LTD	Cyprus	0	40
29	29	JANSSEN PHARMACEUTICA N.V.	Belgium	29	40
31	n/a	HOMESICK BVG LLC	US	0	39
31	n/a	JOINT STOCK COMPANY FATS AND OIL INTEGRATED WORKS	Russian Federation	2	39
33	-14	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	Germany	56	38
33	n/a	DRAFTKINGS, INC.	US	1	38
35	n/a	ECSO GLOBAL PRIVATE LIMITED	India	0	37
35	122	MERCK KGAA	Germany	15	37
37	n/a	R.G.C.C. HOLDINGS AG	Switzerland	0	35
37	45	RICHEMONT INTERNATIONA SA	Switzerland	23	35
37	2	UPPER DECK COMPANY	US	37	35
40	-13	GUERLAIN	France	45	34
41	n/a	MONSTER, INC.	US	1	31
42	-30	EGIS GYA GYSZERGYA R ZRT.	Hungary	65	30
42	n/a	TARTE, INC.	US	2	30
44	n/a	ALBAUGH TOVARNA KEMICNIH IZDELKOV D.O.O.	Slovenia	0	29
44	1071	GODELMANN GMBH & CO. KG	Germany	5	29
44	n/a	MYTHOS STUDIOS, LLC	US	0	29
44	n/a	TOMMY HILFIGER LICENSING B.V.	Netherlands	1	29
48	47	BANDAI CO., LTD.	Japan	21	28
48	-12	HONOR DEVICE CO., LTD.	China	38	28
48	98	INTERNATIONAL BUSINESS MACHINES CORPORATION	US	16	28
51	-20	APPLIED MATERIALS, INC.	US	41	27
51	n/a	FITMART GMBH & CO. KG	Germany	0	27
51	-3	NOVOZYMES A/S	Denmark	31	27

Annex 7: International industrial designs by origin (Hague System) (designs contained in applications)

Origin	Applications		Designs	
	2021	2022	2021	2022
Total	6,714	7,973	22,504	25,028
Germany	874	870	4,400	4,909
China	258	1,287	621	2,558
Italy	462	574	2,046	2,414
US	702	752	2,649	2,412
Switzerland	548	652	1,824	2,178
France	619	649	1,585	1,484
Republic of Korea	849	817	1,419	1,346
UK	210	234	858	1,034
Netherlands	230	224	1,222	980
Japan	421	436	913	935
Türkiye	147	154	594	503
Denmark	142	155	336	447
Greece	8	10	148	419
Sweden	137	140	408	407
Poland	50	61	260	323
Austria	80	66	284	297
Spain	114	96	356	276
Belgium	77	112	196	262
Israel	74	74	163	177
Czech Republic	13	22	114	142
Norway	73	52	141	141
Malta	10	9	298	140
Canada	75	71	203	129
Cyprus	21	11	182	117
Finland	35	36	51	109
Russian Federation	105	49	148	89
Luxembourg	27	27	100	81
Portugal	22	43	70	69
Seychelles	0	2	0	68
Croatia	22	32	99	61
Slovenia	27	27	45	61
Singapore	60	31	295	57
Ukraine	53	31	101	39
Liechtenstein	20	8	66	37
Ireland	17	11	38	36
Bulgaria	14	12	55	34
Hungary	7	11	16	24
Estonia	20	12	32	23
Morocco	2	1	3	18
Viet Nam	6	11	9	18
Lithuania	7	9	9	17
Republic of Moldova	1	3	1	14
Slovakia	4	6	8	14
Latvia	14	8	15	12
Romania	3	3	3	10
Serbia	14	8	26	10
Panama	0	3	0	9
North Macedonia	3	2	3	8
Australia	4	6	38	7
Georgia	0	2	0	7
Malaysia	0	2	0	5
Oman	2	3	2	5
South Africa	0	4	0	4
Mexico	7	3	7	3
San Marino	0	3	0	3
Belarus	1	1	4	2
Chile	0	2	0	2
Monaco	3	2	3	2
Nicaragua	0	1	0	2
Bosnia and Herzegovina	6	1	21	1
Brazil	0	1	0	1
Egypt	0	1	0	1
Iran (Islamic Republic of)	0	1	0	1
Mongolia	0	1	0	1
Nigeria	0	1	0	1
Antigua and Barbuda	1	0	1	0
Argentina	1	0	1	0
Burkina Faso	1	0	1	0
Cameroon	3	0	3	0
Iceland	1	0	1	0
India	3	0	3	0
United Arab Emirates	3	0	5	0
Venezuela (Bolivarian Republic of)	1	0	1	0
Unknown	0	24	0	32

Annex 8: Top Hague applicants

2022 Ranking	Position Changed	Applicant's Name	Origin	2021	2022
1	2	PROCTER & GAMBLE CO.	US	665	687
2	0	KONINKLIJKE PHILIPS ELECTRONICS N.V.	Netherlands	678	633
3	-2	SAMSUNG ELECTRONICS CO., LTD.	Republic of Korea	862	451
4	1158	WENKO-WENSELAAR GMBH & CO. KOMMANDITGESELLSCHAFT	Germany	2	414
4	11	I. PALEOHORINOS FOTISTIKA A.B.E.E.	Greece	138	414
6	18	JELLYCAT LIMITED	UK	100	403
7	-3	LG ELECTRONICS INC.	Republic of Korea	655	366
8	18	FERRARI S.P.A.	Italy	99	329
9	-1	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.	China	227	251
10	28	EIS GMBH	Germany	78	233
10	-5	VOLKSWAGEN AG	Germany	403	233
12	-3	LUQOM HOLDING GMBH	Germany	216	218
13	161	THOMAS SABO GMBH & CO. KG	Germany	19	191
14	-8	PSA AUTOMOBILES SA	France	303	188
15	54	STEINPOL CENTRAL SERVICES SP. Z O.O.	Poland	43	173
16	39	KRONOPLUS LIMITED	Malta	56	171
17	-10	THUN S.P.A.	Italy	284	147
18	133	CYPRIAN IWUC	Malta	21	140
19	25	CANDY POLSTERMOBEL GMBH	Germany	70	134
20	-4	GILLETTE COMPANY LLC	US	135	122
21	10	NOMINATION S.R.L.	Italy	89	121
22	42	DR. ING. H.C. F. PORSCHE AG	Germany	45	117
23	-13	HARRY WINSTON SA	Switzerland	196	114
24	9	T.R.B. INTERNATIONAL S.A.	Switzerland	84	107
25	75	FLOS S.P.A.	Italy	30	102
26	-15	DAIMLER AG	Germany	178	101
27	5	CARTIER INTERNATIONAL AG	Switzerland	87	93
28	911	LENOVO (BEIJING) CO., LTD.	China	3	89
29	22	IMPRESS TECH LTD	Cyprus	64	87
30	8	RH US, LLC	US	78	85
31	n/a	UHRENFABRIK JUNGHANS GMBH & CO. KG	Germany	0	84
32	n/a	KABUSHIKI KAISHA BIGWEST (ALSO TRADING AS BIGWEST CO., LTD.)	Japan	0	80
33	-3	GAVRIELI BRANDS LLC	US	92	78
33	19	KERMI GMBH	Germany	63	78
33	-14	RICHEMONT INTERNATIONA SA	Switzerland	112	78
36	n/a	FEMAS METAL SANAYI VE TICARET ANONIM SIRKETI	Türkiye	0	77
37	n/a	STAUBLI ELECTRICAL CONNECTORS AG	Switzerland	0	76
37	-20	HYUNDAI MOTOR COMPANY	Republic of Korea	123	76
39	135	GMP GROUP S.R.L.	Italy	19	75
39	-21	HANSGROHE SE	Germany	114	75
41	-15	INVENTIO AG	Switzerland	99	73
42	-28	MITSUBISHI ELECTRIC CORPORATION	Japan	150	72
42	-30	HERMES SELLIER(SOCIETE PAR ACTIONS SIMPLIFIEE)	France	168	72
44	-2	GRAFF DIAMONDS LIMITED	UK	73	71
44	n/a	GENCLER ELEKTRONIK SANAYI VE TICARET LIMITED SIRKETI	Türkiye	0	71
46	-11	JOYO TECHNOLOGY PTE. LTD.	Singapore	83	69
47	16	NIKO GROUP NV	Belgium	47	68
47	n/a	TOWERKING TECH LIMITED	Seychelles	0	68
49	35	SKODA AUTO A.S.	Czech Republic	36	66
50	n/a	CILAG GMBH INTERNATIONAL	Switzerland	0	64