

Annex 1: PCT international applications by origin

Origin	2014	2015 (estimate)	Origin	2014	2015 (estimate)
Total	214,314	218,000	Total	214,314	218,000
Albania	1	2	Lithuania	54	37
Algeria	7	8	Luxembourg	390	405
Andorra	2	5	Madagascar	2	0
Angola	2	1	Malaysia	313	268
Argentina	33	28	Malta	58	67
Armenia	4	5	Marshall Islands	1	1
Australia	1,722	1,752	Mauritius	2	0
Austria	1,387	1,404	Mexico	284	320
Azerbaijan	1	1	Monaco	33	35
Bahamas	20	10	Mongolia	0	1
Bahrain	2	5	Montenegro	1	0
Bangladesh	2	0	Morocco	60	35
Barbados	173	125	Namibia	3	4
Belarus	13	12	Netherlands	4,206	4,357
Belgium	1,196	1,185	New Zealand	348	360
Belize	4	0	Niger	0	1
Benin	1	0	Nigeria	4	5
Bosnia and Herzegovina	5	4	Norway	687	679
Brazil	580	547	Oman	0	3
Brunei Darussalam	0	5	Pakistan	1	2
Bulgaria	52	55	Panama	17	15
Cameroon	0	1	Paraguay	0	1
Canada	3,069	2,848	Peru	17	25
Chile	141	167	Philippines	35	27
China	25,548	29,846	Poland	348	440
Colombia	101	86	Portugal	159	161
Congo	0	1	Qatar	18	19
Costa Rica	12	6	Republic of Korea	13,117	14,626
Côte d'Ivoire	2	2	Republic of Moldova	3	7
Croatia	54	28	Romania	28	34
Cuba	4	2	Russian Federation	948	792
Cyprus	46	49	Rwanda	0	1
Czech Republic	189	191	Saint Kitts and Nevis	2	1
Democratic People's Republic of Korea	4	6	Saint Lucia	0	1
Democratic Republic of the Congo	1	0	Saint Vincent and the Grenadines	1	0
Denmark	1,299	1,332	Samoa	0	5
Dominica	0	1	San Marino	2	3
Dominican Republic	3	5	Saudi Arabia	381	279
Ecuador	7	5	Senegal	3	16
Egypt	47	58	Serbia	14	38
El Salvador	3	1	Seychelles	5	7
Estonia	33	36	Singapore	940	910
Finland	1,811	1,592	Slovakia	65	38
France	8,260	8,476	Slovenia	156	84
Gabon	0	1	South Africa	313	314
Georgia	1	6	Spain	1,706	1,537
Germany	17,983	18,072	Sri Lanka	21	14
Ghana	0	1	Sudan	4	5
Greece	133	122	Swaziland	0	3
Guatemala	1	2	Sweden	3,913	3,858
Hungary	158	148	Switzerland	4,100	4,280
Iceland	43	46	Syrian Arab Republic	2	1
India	1,428	1,423	T F Y R of Macedonia	4	2
Indonesia	17	6	Thailand	68	132
Iran (Islamic Republic of)	35	71	Trinidad and Tobago	1	4
Iraq	0	2	Tunisia	8	8
Ireland	438	457	Turkey	853	1,016
Israel	1,581	1,698	Uganda	4	0
Italy	3,058	3,083	Ukraine	147	139
Jamaica	2	1	United Arab Emirates	98	77
Japan	42,381	44,235	United Kingdom	5,269	5,313
Jordan	3	1	United Republic of Tanzania	0	2
Kazakhstan	21	22	United States of America	61,477	57,385
Kenya	9	11	Unknown	197	181
Kuwait	1	3	Uruguay	6	6
Kyrgyzstan	1	1	Uzbekistan	6	3
Lao People's Democratic Republic	2	2	Vanuatu	1	0
Latvia	29	28	Venezuela (Bolivarian Republic of)	1	0
Lebanon	4	7	Viet Nam	7	21
Liberia	1	1	Yemen	0	1
Libya	0	1	Zimbabwe	0	2
Liechtenstein	231	242			

Annex 2: Top PCT applicants, based on published applications

Rank	Applicant's name	Origin	Number of PCT applications, 2015	Change on 2014
1	Huawei Technologies Co., LTD.	China	3,898	456
2	Qualcomm Incorporated	United States of America	2,442	33
3	ZTE Corporation	China	2,155	-24
4	Samsung Electronics Co., LTD.	Republic of Korea	1,683	302
5	Mitsubishi Electric Corporation	Japan	1,593	0
6	Telefonaktiebolaget LM Ericsson (Publ)	Sweden	1,481	-31
7	LG Electronics Inc.	Republic of Korea	1,457	319
8	Sony Corporation	Japan	1,381	399
9	Koninklijke Philips Electronics N.V.	Netherlands	1,378	-13
10	Hewlett-Packard Development Company, L.P.	United States of America	1,310	484
11	Siemens Aktiengesellschaft	Germany	1,292	-107
12	Intel Corporation	United States of America	1,250	-289
13	Robert Bosch Corporation	Germany	1,247	-124
14	Boe Technology Group Co.,LTD	China	1,227	674
15	Toyota Jidosha Kabushiki Kaisha	Japan	1,214	-164
16	Panasonic Intellectual Property Management Co., LTD.	Japan	1,185	918
17	Hitachi, LTD.	Japan	1,165	169
18	Halliburton Energy Services, Inc.	United States of America	1,121	321
19	Sharp Kabushiki Kaisha	Japan	1,073	-154
20	Tencent Technology (Shenzhen) Company Limited	China	981	-105
21	Fujifilm Corporation	Japan	947	-125
22	Nec Corporation	Japan	895	-320
23	Microsoft Technology Licensing, Llc	United States of America	860	860
24	LG Chem, LTD.	Republic of Korea	739	186
25	BASF SE	Germany	735	-45
26	Google Inc.	United States of America	721	-196
27	Shenzhen China Star Optoelectronics Technology Co., LTD.	China	710	-194
28	Denso Corporation	Japan	704	39
29	3M Innovative Properties Company	United States of America	676	-20
30	United Technologies Corporation	United States of America	661	-352
31	Murata Manufacturing Co., LTD.	Japan	658	70
32	Olympus Corporation	Japan	614	342
33	Schaeffler Technologies AG & Co. KG	Germany	608	245
34	Kabushiki Kaisha Toshiba	Japan	595	-261
35	Procter & Gamble Company	United States of America	546	72
36	Konica Minolta, Inc.	Japan	516	-3
37	General Electric Company	United States of America	500	-107
38	Kyocera Corporation	Japan	459	-13
39	Huawei Device Co., LTD.	China	442	22
40	Alcatel Lucent	France	419	-76
41	Fujitsu Limited	Japan	418	-134
42	Dow Global Technologies Inc.	United States of America	411	-60
43	Commissariat a L'Energie Atomique Et Aux Energies Alternatives	France	409	-25
44	Apple Computer, Inc.	United States of America	383	-131
45	Applied Materials, Inc.	United States of America	376	-19
46	Schlumberger Canada Limited	Canada	374	12
47	Nissan Motor Co., LTD.	Japan	368	-252
47	Mitsubishi Heavy Industries, LTD.	Japan	368	-119
49	Nitto Denko Corporation	Japan	366	-26
50	University Of California	United States of America	361	-52

Annex 3: Top PCT applicants by educational institution, based on published applications

Rank	Applicant's name	Origin	Number of PCT applications, 2015	Change on 2014
50	University of California	United States of America	361	-52
91	Massachusetts Institute of Technology	United States of America	213	-21
114	Johns Hopkins University	United States of America	170	35
121	University of Texas System	United States of America	163	9
129	Harvard University	United States of America	158	11
186	University of Michigan	United States of America	116	38
209	University of Florida	United States of America	108	27
220	Tsinghua University	China	102	32
223	University of Tokyo	Japan	101	22
229	Leland Stanford Junior University	United States of America	99	-14
235	Seoul National University	Republic of Korea	95	3
284	Peking University	China	81	5
286	Columbia University	United States of America	80	-32
293	Isis Innovation Limited	United Kingdom	78	4
296	Cornell University	United States of America	77	-10
297	University of Pennsylvania	United States of America	76	-18
297	Kyoto University	Japan	76	-5
304	Korea University	Republic of Korea	75	-2
310	California Institute of Technology	United States of America	74	-29
310	Danmarks Tekniske Universitet	Denmark	74	-7
322	Osaka University	Japan	72	10
332	Yonsei University	Republic of Korea	70	14
335	National University of Singapore	Singapore	69	13
338	Hanyang University	Republic of Korea	68	14
349	Nanyang Technological University	Singapore	63	-19
382	Kyushu University	Japan	57	-15
382	Korea Advanced Institute of Science And Technology	Republic of Korea	57	-10
390	University of Washington	United States of America	56	-18
390	Tohoku University	Japan	56	1
420	Duke University	United States of America	52	1
431	State University of New York	United States of America	51	10
444	South China University of Technology	China	49	27
459	Hebrew University of Jerusalem	Israel	47	22
477	University of North Carolina	United States of America	45	-14
498	China University of Mining And Technology	China	43	-1
498	Ecole Polytechnique Federale de Lausanne	Switzerland	43	-2
498	University of Pittsburgh	United States of America	43	2
510	Northwestern University	United States of America	42	4
510	Yeda Research and Development Co. LTD.	Israel	42	3
510	Yale University	United States of America	42	14
510	Northeastern University	United States of America	42	-6
522	University of Houston	United States of America	41	3
536	Imperial Innovations Ltd.	United Kingdom	40	-1
536	University of Arizona	United States of America	40	13
536	King Abdullah University of Science And Technology	Saudi Arabia	40	16
555	Huazhong University of Science And Technology	China	39	25
573	University of Massachusetts	United States of America	38	10
573	Israel Institute of Technology	Israel	38	25
593	University of Colorado	United States of America	37	2
593	Eidgenossische Technische Hochschule Zurich	Switzerland	37	-13
593	Kyungpook National University	Republic of Korea	37	-11

Annex 4: PCT international applications by field of technology, based on published applications

	Field of technology	2013	2014	2015	Share (%), 2015
I	Electrical engineering				
1	Electrical machinery, apparatus, energy	15,050	15,291	14,612	7.3
2	Audio-visual technology	6,854	6,833	6,583	3.3
3	Telecommunications	5,268	5,436	4,851	2.4
4	Digital communication	14,120	16,211	16,047	8.0
5	Basic communication processes	1,292	1,295	1,258	0.6
6	Computer technology	14,786	17,742	16,385	8.2
7	IT methods for management	3,776	4,210	4,032	2.0
8	Semiconductors	7,332	7,197	6,435	3.2
II	Instruments				
9	Optics	6,301	5,980	5,858	2.9
10	Measurement	7,996	9,033	8,581	4.3
11	Analysis of biological materials	1,856	1,843	1,661	0.8
12	Control	2,578	3,140	3,005	1.5
13	Medical technology	11,954	14,032	12,633	6.3
III	Chemistry				
14	Organic fine chemistry	5,561	6,003	5,398	2.7
15	Biotechnology	5,526	5,898	5,613	2.8
16	Pharmaceuticals	7,739	8,587	7,691	3.8
17	Macromolecular chemistry, polymers	3,546	3,781	3,691	1.8
18	Food chemistry	1,760	1,879	1,820	0.9
19	Basic materials chemistry	5,119	5,715	5,447	2.7
20	Materials, metallurgy	3,763	4,070	3,767	1.9
21	Surface technology, coating	3,248	3,496	3,292	1.6
22	Micro-structural and nano-technology	402	413	358	0.2
23	Chemical engineering	4,298	4,606	4,301	2.1
24	Environmental technology	2,719	2,771	2,544	1.3
IV	Mechanical engineering				
25	Handling	4,266	4,799	4,696	2.3
26	Machine tools	3,508	3,774	3,622	1.8
27	Engines, pumps, turbines	6,172	6,903	6,186	3.1
28	Textile and paper machines	2,252	2,290	2,404	1.2
29	Other special machines	4,864	5,375	5,602	2.8
30	Thermal processes and apparatus	2,993	3,007	3,004	1.5
31	Mechanical elements	5,151	5,878	5,909	2.9
32	Transport	7,966	8,668	8,627	4.3
V	Other fields				
33	Furniture, games	3,569	3,809	3,807	1.9
34	Other consumer goods	3,413	4,002	4,385	2.2
35	Civil engineering	5,544	6,493	6,330	3.2
	Total	192,542	210,460	200,435	100.0

Annex 5: Madrid international applications by origin and designated members

Origin/designated Madrid member	Applications by origin	Designations to Madrid members	Origin/designated Madrid member	Applications by origin	Designations to Madrid members
Total	49,273	399,110	Total	49,273	399,110
African Intellectual Property Organization	-	1,128	Lesotho	-	818
Albania	6	2,555	Liberia	-	887
Algeria	1	1,987	Liechtenstein	92	2,657
Andorra	5	-	Lithuania	93	1,464
Angola	3	-	Luxembourg	433	-
Antigua and Barbuda	-	833	Madagascar	1	1,079
Argentina	2	-	Malaysia	3	-
Armenia	22	3,149	Malta	38	-
Australia	2,058	14,292	Marshall Islands	1	-
Austria	1,104	2,732	Mauritius	16	-
Azerbaijan	9	4,044	Mexico	91	10,569
Bahamas	13	-	Monaco	64	2,528
Bahrain	2	2,839	Mongolia	3	2,098
Barbados	9	-	Montenegro	8	3,003
Belarus	153	5,510	Morocco	88	4,431
Belgium	776	-	Mozambique	1	1,346
Belize	22	-	Namibia	1	1,113
Benelux	-	2,854	Netherlands	1,306	-
Bermuda	6	-	New Zealand	404	7,696
Bhutan	-	756	Norway	266	9,310
Bonaire, Sint Eustatius and Saba	-	679	Office for Harmonization in the Internal Market	-	21,721
Bosnia and Herzegovina	18	3,531	Oman	-	2,711
Botswana	-	1,046	Panama	8	-
Brazil	4	-	Philippines	26	5,241
Bulgaria	232	1,627	Poland	400	2,573
Cambodia	1	572	Portugal	239	1,602
Cameroon	10	-	Qatar	4	-
Canada	70	-	Republic of Korea	856	12,997
Chile	1	-	Republic of Moldova	84	3,349
China	2,401	24,849	Romania	95	1,909
China, Hong Kong SAR	5	-	Russian Federation	876	17,436
Colombia	32	4,777	Rwanda	1	925
Congo	4	-	Saint Kitts and Nevis	2	-
Croatia	153	1,744	Saint Lucia	2	-
Cuba	3	2,084	Saint Vincent and the Grenadines	2	-
Curaçao	10	789	San Marino	11	1,261
Cyprus	180	851	Sao Tome and Principe	-	675
Czech Republic	315	1,927	Senegal	1	-
Democratic People's Republic of Korea	7	993	Serbia	232	4,646
Democratic Republic of the Congo	1	-	Seychelles	7	-
Denmark	595	1,469	Sierra Leone	-	891
Dominica	1	-	Singapore	460	10,102
Dominican Republic	4	-	Sint Maarten (Dutch Part)	-	778
Egypt	22	4,868	Slovakia	125	1,518
Estonia	79	1,225	Slovenia	146	1,440
Fiji	3	-	Spain	1,239	2,819
Finland	434	1,237	Sudan	-	1,333
France	4,021	3,502	Swaziland	-	828
Georgia	34	3,407	Sweden	730	1,548
Germany	6,831	4,431	Switzerland	3,051	14,584
Ghana	-	1,634	Syrian Arab Republic	2	1,467
Greece	82	1,371	T F Y R of Macedonia	13	3,125
Guinea	1	-	Tajikistan	-	2,484
Hungary	296	1,613	Thailand	3	-
Iceland	76	2,765	Tunisia	13	3,106
India	150	11,391	Turkey	1,143	10,418
Indonesia	2	-	Turkmenistan	-	2,559
Iran (Islamic Republic of)	39	3,963	Ukraine	380	7,828
Ireland	175	1,119	United Arab Emirates	36	-
Israel	257	5,599	United Kingdom	2,730	4,250
Italy	2,706	3,238	United States of America	7,340	21,996
Japan	2,205	15,776	Uruguay	1	-
Kazakhstan	50	5,820	Uzbekistan	1	2,809
Kenya	5	2,056	Viet Nam	65	6,670
Kyrgyzstan	1	2,862	Zambia	-	1,154
Latvia	88	1,430	Zimbabwe	-	434
Lebanon	4	-	Unknown	241	-

Annex 6: Top Madrid applicants

Rank	Applicant's name	Origin	Number of Madrid applications, 2015	Change on 2014
1	Novartis	Switzerland	197	-84
2	Lidl	Germany	152	24
3	L'Oréal	France	130	36
4	Philips Electronics	Netherlands	126	41
5	Richter Gedeon Nyrt	Hungary	124	104
6	Boehringer Ingelheim	Germany	90	-2
7	Apple	United States of America	85	35
8	Daimler	Germany	83	22
9	Biofarma	France	81	41
10	Glaxo Group Limited	United Kingdom	68	-166
11	Janssen Pharmaceutica	Belgium	60	35
12	Henkel	Germany	56	-34
13	Egis Gyógyszergyár	Hungary	55	-77
14	World Medicine	Turkey	54	-22
15	ETI Gida	Turkey	52	41
15	Philip Morris	Switzerland	52	-10
17	Universal Entertainment Corporation	Japan	51	-3
18	Nestlé	Switzerland	48	-64
19	August Storck	Germany	47	21
20	Kronoplus Technical	Switzerland	46	37
20	Microsoft	United States of America	46	15
22	Krka	Slovenia	44	3
23	Abercrombie & Fitch Europe	Switzerland	43	19
23	Gilead Sciences	Ireland	43	6
25	Samsung Electronics	Republic of Korea	41	16
26	BMW	Germany	37	-9
26	Syngenta Participations	Switzerland	37	-9
28	Deutsche Telekom	Germany	36	23
29	Siemens	Germany	35	-3
29	Volkswagen	Germany	35	9
31	BSH Hausgeräte	Germany	33	0
31	UST Global (Singapore)	Singapore	33	32
33	Bayer	Germany	31	-9
33	Kaufland	Germany	31	-2
33	RiGO Trading	Luxembourg	31	31
33	Valeant	Poland	31	-8
37	Migros	Switzerland	30	7
38	Continental Reifen Deutschland	Germany	29	12
39	Actavis Group	Iceland	28	-39
39	Make-Up Art Cosmetics	United States of America	28	25
39	Merck	Germany	28	7
39	Societe Parisienne de Parfums et Cosmetiques	France	28	27
43	MWR Holdings	United States of America	27	27
43	Sun Pharmaceutical Industries	India	27	27
43	Supraten	Republic of Moldova	27	26
43	ZEG	Germany	27	9
47	Cbsa Investments	Australia	26	26
47	Diffulice	Switzerland	26	24
47	Hermes International	France	26	8
47	Japan Tobacco	Japan	26	-7

Annex 7: Hague international applications by origin and designated members

Origin/designated Hague member	Origin		Designations		Origin/designated Hague member	Origin		Designations	
	Number of applications	Number of designs	Number of applications	Number of designs		Number of applications	Number of designs	Number of applications	Number of designs
Total	4,111	16,435	18,721	74,220	Total	4,111	16,435	18,721	74,220
African Intellectual Property Organization	-	-	138	438	Lithuania	4	14	50	331
Albania	2	2	293	1,202	Luxembourg	46	213	-	-
Armenia	-	-	266	880	Malaysia	2	4	-	-
Australia	3	4	-	-	Mali	-	-	8	14
Austria	42	497	-	-	Malta	1	1	-	-
Azerbaijan	-	-	329	1,141	Monaco	2	2	405	1,550
Belgium	54	182	-	-	Mongolia	-	-	246	840
Belize	-	-	212	773	Montenegro	-	-	373	1,519
Benelux	-	-	69	399	Morocco	2	9	494	2,055
Benin	2	4	21	43	Namibia	1	1	31	87
Bosnia and Herzegovina	2	3	339	1,412	Netherlands	164	765	-	-
Botswana	-	-	30	61	New Zealand	1	1	-	-
Brunei Darussalam	-	-	47	103	Niger	-	-	7	13
Bulgaria	18	47	30	125	Norway	56	159	861	3,509
Canada	2	3	-	-	Oman	-	-	343	1,212
China	21	35	-	-	Pakistan	1	1	-	-
Côte d'Ivoire	-	-	19	39	Poland	33	117	42	98
Croatia	16	37	95	625	Portugal	7	51	-	-
Curaçao	1	9	-	-	Republic of Korea	548	1,282	886	2,591
Cyprus	6	125	-	-	Republic of Moldova	-	-	295	1,035
Czech Republic	20	156	-	-	Romania	4	8	76	228
Democratic People's Republic of Korea	-	-	39	109	Rwanda	-	-	28	57
Denmark	56	228	72	203	Saint Martin	1	1	-	-
Egypt	-	-	263	1,006	Sao Tome and Principe	-	-	25	55
Estonia	7	11	25	74	Senegal	-	-	21	43
European Union	-	-	3,050	13,354	Serbia	14	27	251	1,137
Finland	33	78	58	159	Singapore	18	29	778	2,852
France	391	1,317	156	686	Slovakia	2	14	-	-
Gabon	-	-	7	13	Slovenia	23	63	76	455
Georgia	-	-	319	1,056	Spain	73	235	77	393
Germany	645	3,453	190	830	Suriname	-	-	29	65
Ghana	1	1	42	101	Sweden	92	286	-	-
Greece	7	15	55	322	Switzerland	747	3,316	1,872	9,525
Hungary	4	27	34	96	Syrian Arab Republic	-	-	40	91
Iceland	2	2	90	295	T F Y R of Macedonia	2	6	402	1,570
Ireland	1	1	-	-	Tajikistan	-	-	71	150
Italy	297	1,186	68	381	Tunisia	1	14	410	1,501
Japan	125	411	576	1,227	Turkey	94	244	1,322	6,207
Kuwait	1	1	-	-	Ukraine	16	34	658	3,012
Kyrgyzstan	-	-	266	881	United Kingdom	109	391	-	-
Latvia	1	2	26	41	United States of America	210	1,039	959	2,459
Liechtenstein	14	117	361	1,491	Unknown	59	150	-	-

Annex 8: Top Hague applicants

Rank	Applicant's name	Origins	Number of Hague applications	Number of designs
1	Samsung Electronics Co., LTD.	Republic of Korea	435	1,132
2	Swatch Ag (Swatch Sa) (Swatch LTD)	Switzerland	150	511
3	Fonkel Meubelmarketing	Netherlands	18	438
4	Volkswagen Aktiengesellschaft	Germany	53	418
5	The Procter & Gamble Company	United States of America	46	369
6	Thun Spa	Italy	8	183
7	The Gillette Company	United States of America	26	179
8	Thomas Sabo GmbH & Co. KG	Germany	4	156
9	Legero Schuhfabrik Gesellschaft M.B.H.	Austria	6	153
10	Cartier Creation Studio SA	Switzerland	12	147
11	Wenko-Wenselaar GmbH & Co. KG	Germany	9	143
12	Kronoplus Technical AG	Switzerland	8	128
13	Impress Tech LTD.	Cyprus	3	122
14	Centek Limited	United Kingdom	3	120
15	Candy Polstermöbel GmbH	Germany	6	111
15	Harry Winston SA	Switzerland	38	111
17	Ewald Schillig GmbH & Co. KG	Germany	4	110
18	Hermes Sellier , (Société Par Actions Simplifiée)	France	19	109
19	Koninklijke Philips N.V.	Netherlands	77	108
20	Pierre Lang Europe , Handelsgesellschaft M.B.H.	Austria	2	106
21	AREA	France	14	101
21	Gemtique Suisse S. À R. L.	Switzerland	3	101
23	Daimler AG	Germany	41	100
23	Graff Diamonds SA	Switzerland	2	100
23	Microsoft Corporation	United States of America	6	100
26	Alfred Kärcher GmbH & Co. KG	Germany	24	92
27	Geberit International AG	Switzerland	8	90
28	Flos S.P.A.	Italy	34	89
29	Renault S.A.S.	France	31	87
30	Mitsubishi Electric Corporation	Japan	15	75
31	ARC International	France	2	74
32	Hansgrohe SE	Germany	18	73
33	Stefan Wullschleger	Switzerland	1	71
34	Simes S.P.A.	Italy	3	69
34	Cartier International AG	Switzerland	6	69
34	Richemont International SA	Switzerland	18	69
37	NMC S.A.	Belgium	12	66
38	Mascot International A/S	Denmark	6	64
38	T.R.B. International SA	Switzerland	2	64
40	Société Des Produits Nestlé S.A.	Switzerland	13	61