

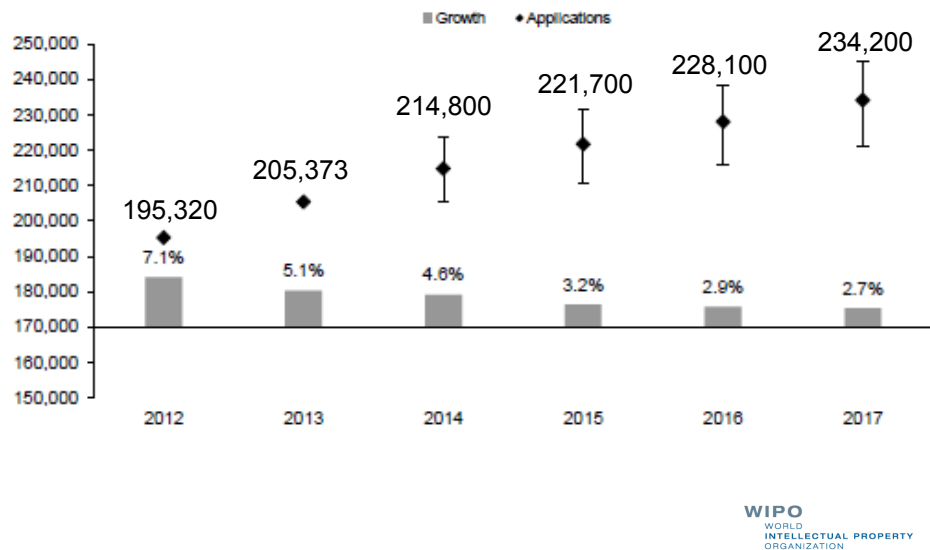
PCT – Statistics

Patent Cooperation Treaty (PCT) Working Group
Seventh Session
Geneva, June 10 to 13, 2014

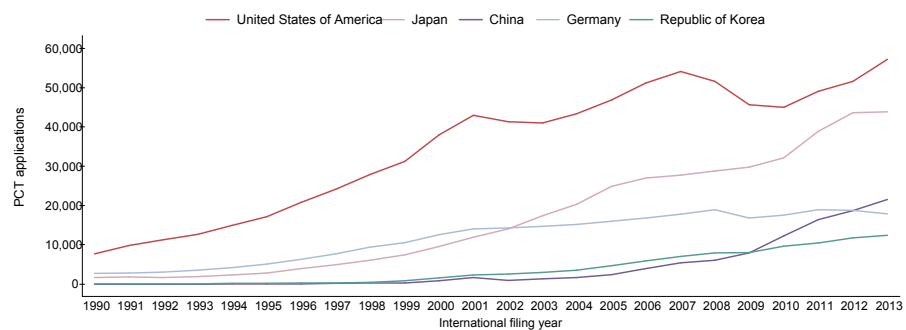
Outline

- 1) PCT International Filings
- 2) PCT National Phase Entries
- 3) Receiving Offices
- 4) International Authorities
- 5) PCT – Patent Prosecution Highway

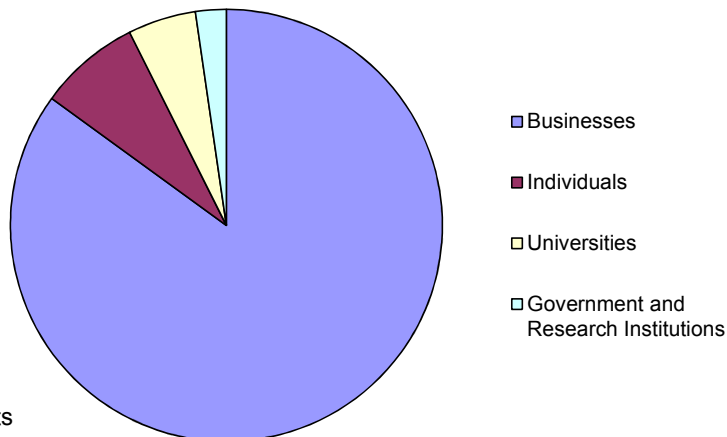
1) PCT – International Application Filings



Filing Trends for Top 5 Origins



Distribution of PCT Applicants in 2013



Top Applicants

- **Businesses:** Panasonic Corporation – 2,839 applications published
- **Universities:** University of California – 398 applications published
- **Government and Research Institutions** – Commissariat à l'Energie Atomique et aux Energies Alternatives – 419 applications published

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Main Fields of Technology in 2013

Main Fields of Technology for PCT Applications by Percentage of Total:

□ Electrical Machinery	14,897 applications (7.8%)
□ Computer Technology	14,684 applications (7.7%)
□ Digital Communications	14,059 applications (7.3%)
□ Medical Technology	11,920 applications (6.2%)

■ Largest increases:

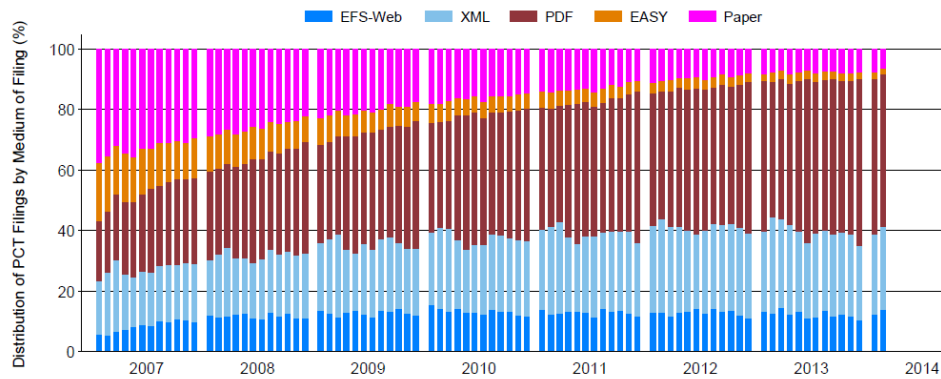
- IT methods for management: +27.2%
- Optics: +23.0%
- Computer technology: +18.0%

■ Decreases in 4 out of 35 fields:

- Micro-structural and nano-technology: -8.0%
- Organic fine chemistry: -3.3%
- Pharmaceuticals: -1.3%
- Basic communication process: -0.8%

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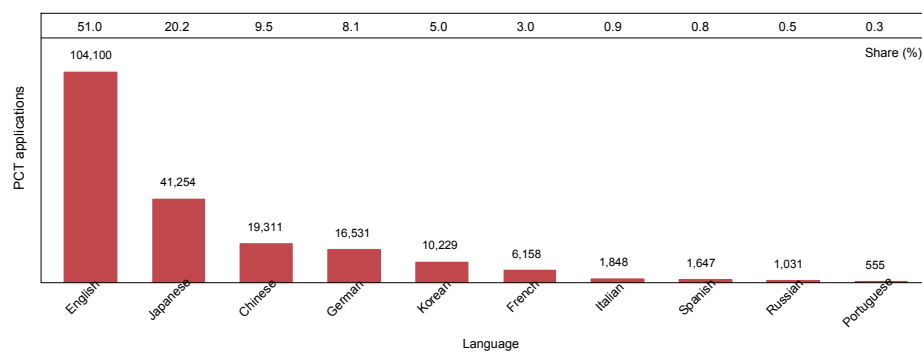
PCT Applications by Medium of Filing



- Distribution in 2013: 7.6% paper, 2.8% PCT-EASY, 89.7% fully electronic (49.9% PDF, 27.4% XML, 12.4% EFS-Web).

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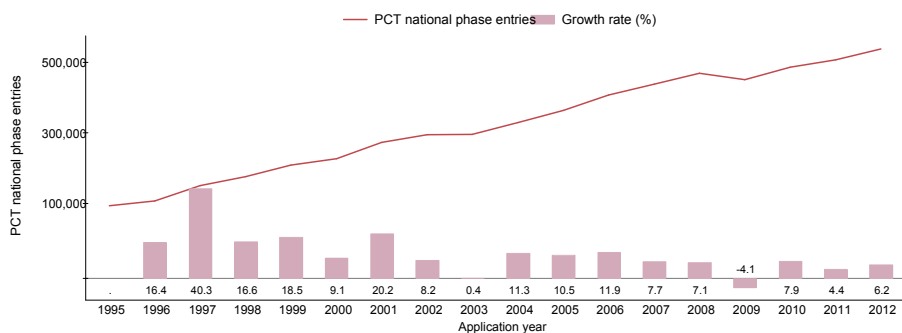
Distribution of Filing Languages in 2013



- Top 10 filing languages make up 99.2% of total filings.

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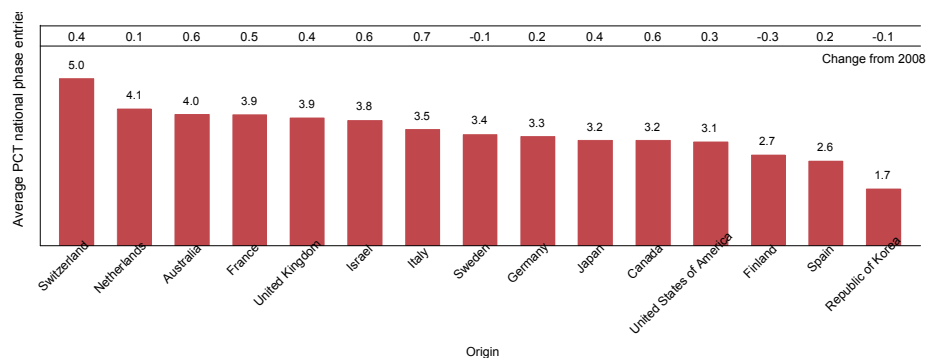
2) PCT – National Phase Entries



- 539,300 national phase entries estimated for 2012 (+ 6.2%)
- 458,800 (about 85%) of NPEs are from non-resident applications representing 55% of all non-resident patent applications filed worldwide in 2012.

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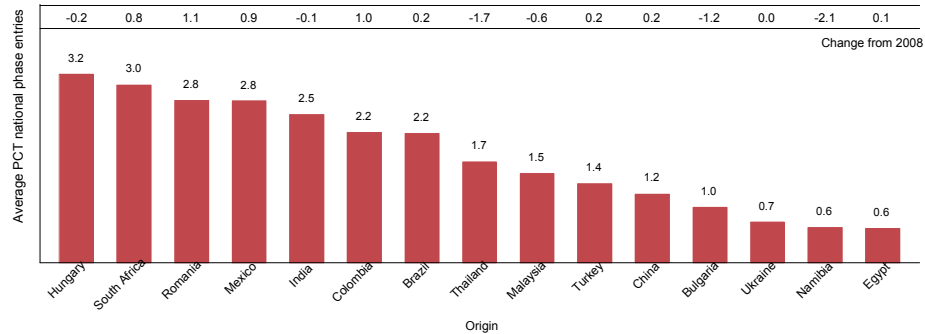
Average Number of National Phase Entries (NPEs) per PCT Application for 15 Top High-Income Origins



- United States of America has highest number of NPEs (146,988), followed by Japan (112,862) then Germany (59,966); all average between 3.1 and 3.3 NPEs per PCT application. Switzerland has the highest average number of NPEs per PCT application at 5.

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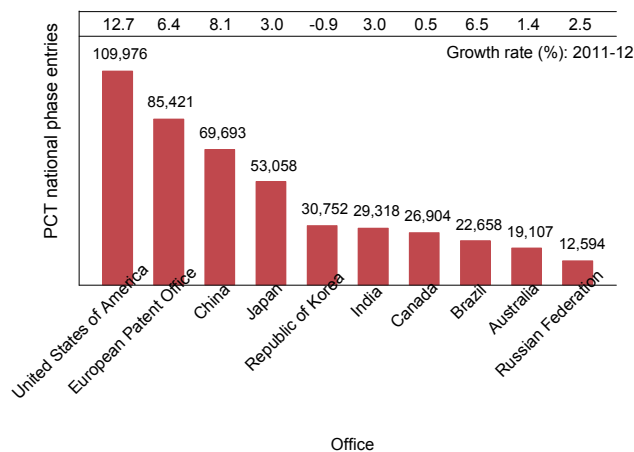
Average Number of National Phase Entries (NPEs) per PCT Application for 15 Top Middle-Income Origins



- Among middle-income countries, China has highest number of NPEs (16,978), followed by India (3,322), Brazil (1,167) and South Africa (934).
- The top 15 middle-income countries had lower average numbers of NPEs per PCT application than their high income counterparts.

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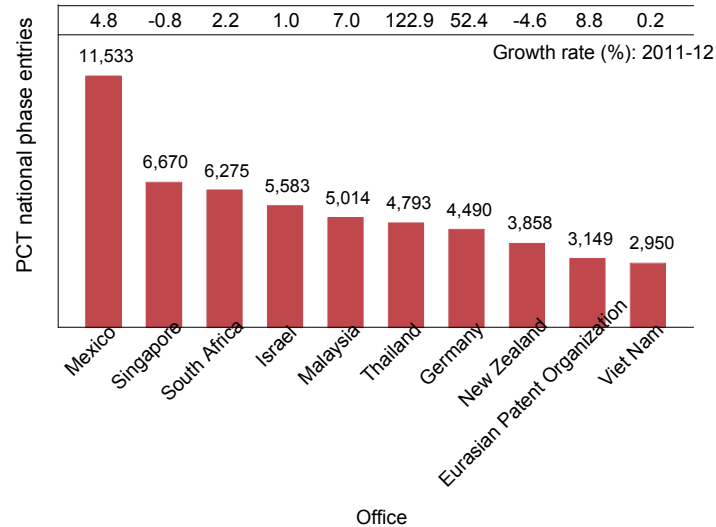
PCT National Phase Entries for Top 10 Offices 2012



- USPTO most preferred office by National Phase Entries and had highest growth among the top 10 Offices (+ 12.7%).

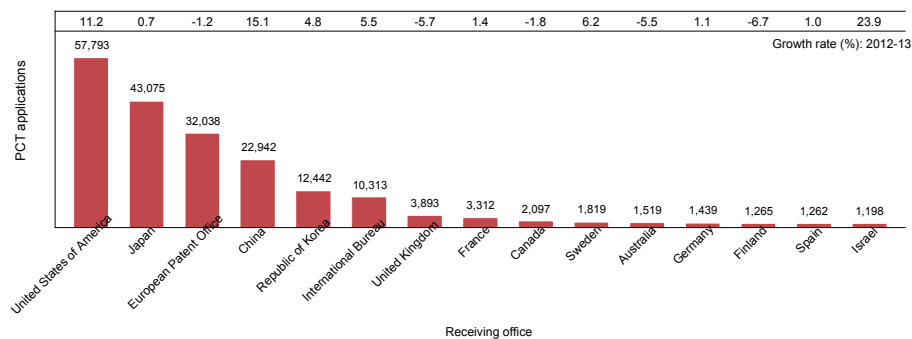
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PCT National Phase Entries for Next 10 Offices 2012



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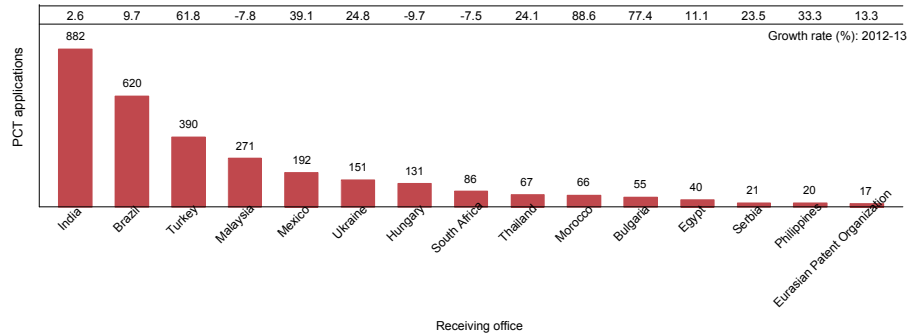
3) PCT Applications by Receiving Office



- Ten of the top 15 receiving Offices received more applications in 2013 than in 2012. Together, these 15 Offices received almost 96% of all applications filed in 2013.

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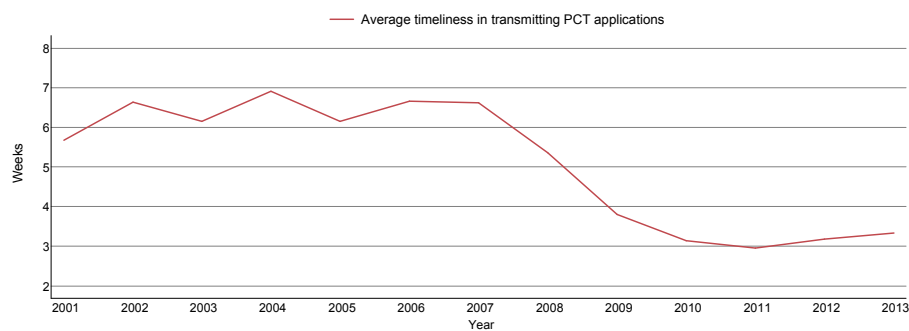
PCT applications for selected receiving Offices of middle-income countries



- Twelve of the above 15 receiving Offices received more PCT applications in 2013 than in 2012.

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Receiving Offices: Timeliness of Transmitting PCT Applications to the International Bureau

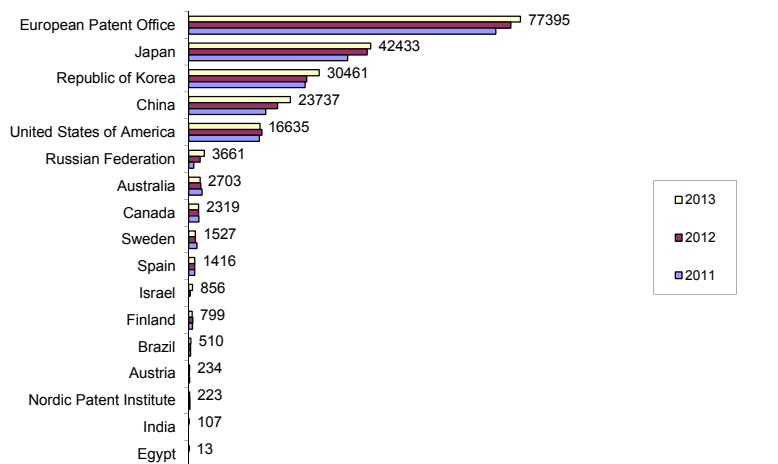


- Average transmission time between the international filing date and the date of receipt of the application from the receiving Office was 3.3 weeks in 2013 (3.2 weeks in 2012).
- 86.9% of PCT applications transmitted to the IB within 4 weeks in 2012.

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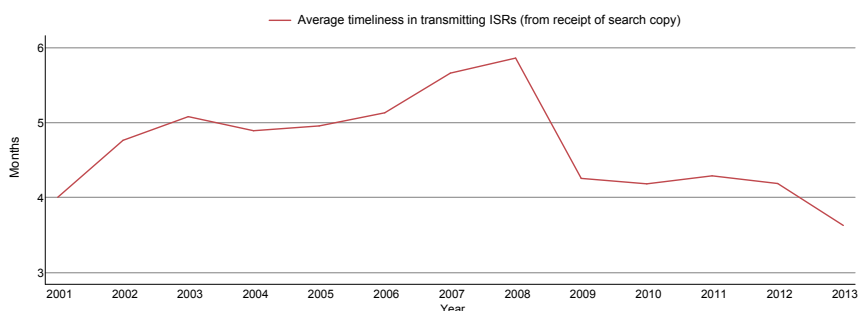
4) International Authorities

Search Reports by International Searching Authority



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Average Timeliness in transmitting ISRs to the IB measured from Date of Receipt of Search Copy



- Average timeliness in transmitting ISRs fee from 4.2 to 3.6 months between 2012 and 2013.
- 65% of ISRs transmitted to the IB within 3 months from date of receipt of search copy (57.8% in 2012).
- 77.3% of all ISRs issued within 16 months of priority date (69.9% in 2012).

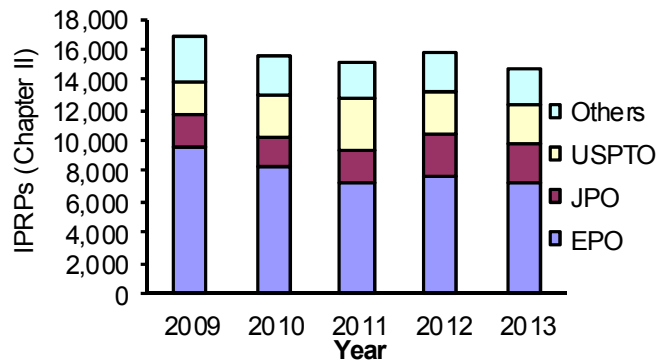
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Distribution of Supplementary International Search Reports by SISA

Supplementary International Searching Authority				
Year	2010	2011	2012	2013
Total	41	41	46	67
Austria		1	2	2
European Patent Office	3	7	21	30
Nordic Patent Institute	1		3	
Russian Federation	35	31	19	32
Sweden	2	2		3
Finland			1	

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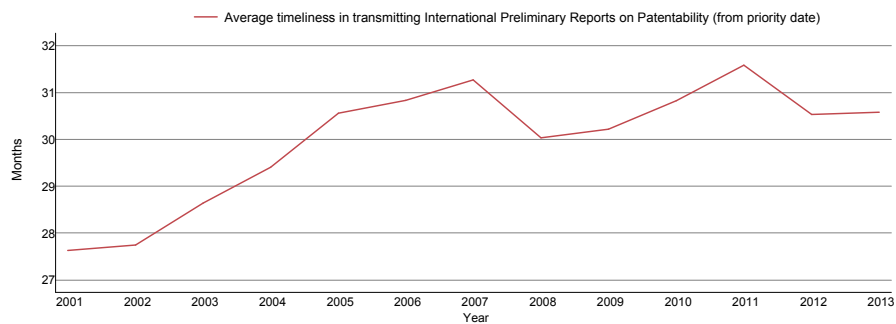
International Preliminary Examination Authorities



- Reports produced by IPEAs fell by 6.3% from 2012 to 2013.
- For 2013, 84.5% of IPRPs (Chapter II) were produced by the EPO, the JPO or the USPTO.

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Average Timeliness in Transmitting IPRPs



- Average time taken to transmit IPRPs increased from 27.6 months in 2001 to 30.6 months in 2013. 72.8% of IPRPs transmitted within 28 months (68.4% in 2012).

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5) PCT-Patent Prosecution Highway

International authority	Office of PCT national phase entry												
	United States of America	Japan	China	Republic of Korea	European Patent Office	Canada	Australia	Philippines	Indonesia	Russian Federation	Mexico	Israel	Total
Japan	726	952	572	206	221	-	-	19	22	7	8	0	2,733
Republic of Korea	1,000	44	206	56	-	-	-	-	-	-	-	-	1,306
European Patent Office	941	207	-	-	-	-	-	-	-	-	-	-	1,148
China	366	36	-	13	-	-	-	-	-	1	0	-	416
United States of America	154	12	24	20	36	20	12	8	-	4	-	2	292
Canada	42	-	-	-	-	101	-	-	-	-	-	-	143
Australia	89	-	-	-	-	-	23	-	-	-	-	-	112
Sweden	64	13	-	-	-	-	-	-	-	-	-	-	77
Russian Federation	35	1	6	-	-	-	-	-	-	-	-	-	42
Finland	12	2	1	-	-	-	-	-	-	1	-	0	16
Israel	14	1	-	-	-	-	-	-	-	-	-	1	16
Austria	14	-	-	0	-	-	-	-	-	-	-	-	14
Nordic Patent Institute	10	4	-	-	-	-	-	-	-	-	-	-	14
Spain	4	0	-	-	-	-	-	-	-	0	3	-	7
Total	3,471	1,272	809	295	257	121	35	27	22	13	11	3	6,336

- 6,336 PCT-PPH requests in 2013 (4,577 in 2012)
- In 2013, 53 PCT-PPH pilots were active, with the participation of 24 Offices, including 14 International Authorities.

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Further information:
2014 PCT Yearly Review
The International Patent System
(to be published soon)

2013 World Intellectual Property Indicators
WIPO Publication No:941E/2013

Statistics on the PCT System
<http://www.wipo.int/ipstats/en/statistics/pct/>

Patent Prosecution Highway Portal Site
<http://www.jpo.go.jp/ppph-portal/index.htm>

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