

# PCT NEWSLETTER

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## Most Frequent PCT Users in 2003

In 2003, 225 applicants accounted for 33,586 (31.2%) of the 107,729 international applications published, each of them with 50 or more applications published. Of these 225 applicants, 167 were from one of the following three countries: the United States of America (36.4% of the total), Japan (23.1%), and Germany (14.7%). There were 92 applicants in each of whose names 100 or more international applications were published. Koninklijke Philips Electronics N.V. was, for the third consecutive year, the largest PCT user, with 2,278 international applications published, followed by Siemens Aktiengesellschaft (1,180) and Matsushita Electric Industrial Co., Ltd. (1,071).

Note that the list of most frequent PCT users contains only the first-named applicants in the applications concerned, and is based on the country of residence of that applicant. Note also that certain legal entities are listed separately from other legal entities with which they may be affiliated (for example: Unilever N.V. (NL) and Unilever plc (GB)).

The list on pages 7 to 12 indicates the applicants by the number of applications published. A second list on pages 13 to 18 indicates the applicants in alphabetical order.

## PCT Reform: Sixth Session of the Working Group on Reform of the PCT

The sixth session of the Working Group on Reform of the Patent Cooperation Treaty (PCT) was held in Geneva from 3 to 7 May 2004.

The Working Group agreed that the following set of amendments of

the Regulations under the PCT should be proposed to the PCT Assembly in September 2004. If adopted, it is likely that these amendments would enter into force on 1 January 2005:

- Simplification of the protest procedure relating to lack of unity of invention (PCT Rules 40 and 68) (agreed at the fifth session of the Working Group; see documents PCT/R/WG/5/1, Annex II, and PCT/R/WG/5/13, paragraphs 5 to 11);
- Changes relating to the furnishing of sequence listings for the purposes of international search and examination, including the possibility of the International Authorities demanding a late payment fee if they need to request such a listing, in the event that it is not furnished by the time that the international search or preliminary examination begins (see documents

## Inside this issue

PCT Reform: sixth session of the Working Group on Reform of the PCT [continued] . . . . .	2-3
Note to subscribers to the PCT Applicant's Guide . . . . .	3
PCT information update . . . . .	3-4
New/updated PCT materials on the Internet . . . . .	4
Electronic filing and processing of international applications . . . . .	4-5
Change in the color of PCT forms issued by RO/GB . . . . .	5
Note about the Request and Demand Forms . . . . .	5
Practical advice . . . . .	5-6
Most frequent users of the PCT in 2003 (lists of users) . . . . .	7-18
PCT seminar calendar . . . . .	19
PCT fee tables . . . . .	20-23
PCT Contracting States and two-letter codes . . . . .	24



[www.wipo.int/pct/en](http://www.wipo.int/pct/en)

**Selection of  
PCT Materials on the Internet  
([www.wipo.int/pct/en/](http://www.wipo.int/pct/en/))**

Home page, with links to what's new on the site  
PCT Information Service

PCT filing

- *Basic Facts about the PCT*
- Forms
- Direct filing of PCT applications with the International Bureau as PCT receiving Office
- *PCT Applicant's Guide*
- Fees

PCT-SAFE

PCT legal texts and guidelines

- About the Treaty
- Texts of the Patent Cooperation Treaty, Regulations and Administrative Instructions and search facility for Articles under the PCT
- PCT Receiving Office Guidelines
- PCT International Search and International Preliminary Examination Guidelines
- PCT Contracting States
- Reservations and incompatibilities
- Time limits for entering national/regional phase
- PCT legal text index

*PCT Gazette*

PCT news (including the *PCT Newsletter*)

Seminar calendar and seminar materials

PCT meetings

- PCT Assembly and various committees

PCT Reform

The History of the PCT Regulations

PCT/R/WG/6/2 and PCT/R/WG/6/12, paragraphs 127 to 131);

- Further corrigenda and consequential amendments relating to amendments of the Regulations which came into force on January 1, 2004 (see documents PCT/R/WG/6/5, 5 Add.1 and 5 Add.2 and PCT/R/WG/6/12, paragraphs 5 and 6).

The other matters discussed by the Working Group included the following:

- Restoration of the right of priority—the Working Group continued to consider proposals whereby the applicant could apply for restoration of the priority right in cases where the international application had been filed between 12 and 14 months after the date of filing of an earlier application from which it was desired to claim priority (equivalent to Article 13(2) of the Patent Law Treaty);
- Rectification of obvious mistakes—it was agreed that current PCT Rule 91 was difficult to interpret uniformly, but further work was required in order to better identify what sort of mistakes it should be possible to correct under this rule;
- "Missing part" requirements—there was broad consensus on the principle of how the international system should deal with the introduction of parts of international applications which were omitted on filing, but a number of issues remained to be resolved, including the compatibility of the scheme with the current Articles of the Treaty;

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[www.wipo.int/pct/en/newslett/index.htm](http://www.wipo.int/pct/en/newslett/index.htm)

**Reminder**

The national Offices of the following States do not yet apply the 30-month time limit for entering the national phase under Chapter I as fixed in PCT Article 22(1) (as modified with effect from 1 April 2002). Note, however, that in respect of the regional designation of those States indicated with an asterisk, the time limit under PCT Article 22(3) of 31 months applies.

CH Switzerland\*  
FI Finland\*  
LU Luxembourg\*  
SE Sweden\*  
TZ United Republic of Tanzania\*  
UG Uganda\*  
YU Serbia and Montenegro  
ZM Zambia\*

A list of time limits applicable for each designated/elected Office for entering the national phase under Chapters I and II of the PCT is available at:

[www.wipo.int/pct/en/access/legal\\_text.htm](http://www.wipo.int/pct/en/access/legal_text.htm)

- Signature requirements—it was noted that certain difficulties remained with regard to the need for a number of documents to be signed by all applicants;
- International publication in multiple languages—the Working Group considered a proposal for permitting an international application to be published in multiple languages during the international phase so as to establish prior art effect and potentially provisional protection in certain Contracting States, such as the United States of America, for which such an effect is given only if publication is made in the official language;
- Improving the quality of international searches—there was widespread support for the principle of an applicant being permitted to request supplementary searches to be carried out in the international phase, for example allowing searching by an International Searching Authority of document collections in languages which are not an official language of the main International Searching Authority. The International Bureau was requested to give further consideration to the practicalities of implementing such a system;
- Single request for the recording of changes during the national phase—the Working Group considered the concept of permitting requests to be made centrally for the recording of certain changes in respect of international applications which have entered the national phase, and noted the significant consequential benefits that would accrue if greater communication resulted in common formats and easier access to patent data for information and statistical purposes;
- Declaration of the source of genetic resources and traditional knowledge in patent applications—the Working Group gave further consideration to a proposal by Switzerland allowing for the international application to contain a declaration of the source of genetic resources and traditional knowledge in the international application, or for national Offices to require such a declaration if it was not included.

All of these issues are expected to be considered further at future sessions of the Working Group. For more information, see the documents that were prepared for discussion at the

meeting, as well as the session's Summary by the Chair at:

[www.wipo.int/pct/en/meetings](http://www.wipo.int/pct/en/meetings)

The seventh session of the Working Group is tentatively scheduled for either the week of November 22 to 26, 2004, or that of November 29 to December 3, 2004.

### **Note to Subscribers to the *PCT Applicant's Guide***

The information contained in the *PCT Applicant's Guide* has traditionally been updated twice a year and published as “January” or “July” replacement sheets sent to subscribers in paper form.

As many subscribers are aware, the content of the *Guide* in electronic form is also updated weekly on the PCT website. In view of the substantial rewrite of the *Guide* that has been necessary as a result of the amendments to the Regulations under the PCT which entered into force on 1 January 2004, and the availability of the electronic publication of the *Guide*, it has been decided to publish only one paper update of the *Guide* in 2004. We hope that this decision will not cause undue inconvenience to subscribers. The English version of the 2004 update is currently available and has been mailed to subscribers; the French version will be mailed to subscribers shortly.

Each page of the *Guide*, whether on paper or in electronic form on the Internet, contains at the bottom the date of the last modification of that page.

### **PCT Information Update**

#### **NI Nicaragua (fees)**

The amount of the following fee, payable to the Registry of Intellectual Property (Nicaragua) as receiving Office, has changed:

transmittal fee: see Table I(a)

(Updating of *PCT Applicant's Guide*, Vol. I/B, Annex C (NI))

#### **UA Ukraine (telephone and fax numbers)**

The telephone and fax numbers of the State Department of Intellectual Property (SDIP), Ministry of Education and Science of Ukraine,

have changed. The numbers to be used are now as follows:

telephone: (380–44) 212 50 82 (SDIP)  
(380–44) 494 05 05,  
494 05 34 (Ukrpatent)

fax: (380–44) 212 34 49 (SDIP)  
(380–44) 494 05 06 (Ukrpatent)

(Updating of *PCT Applicant's Guide*, Vol. I/A, Annex B1 (UA))

### **US United States of America (designation of location)**

The designation of the location of the United States Patent and Trademark Office has changed, as follows (note that the mailing address has not changed):

location: 220 20th Street S.  
Crystal Plaza 2  
Arlington, Virginia 22202  
United States of America

(Updating of *PCT Applicant's Guide*, Vol. I/A, Annex B1 (US))

### **Search fee (European Patent Office)**

As from 1 August 2004, there will be a change in the equivalent amount payable in JPY for an international search carried out by the European Patent Office, as indicated in Table I(b).

(Updating of *PCT Applicant's Guide*, Vol. I/B, Annex D (EP))

### **New/updated PCT Materials on the Internet**

#### **Updated *History of the PCT Regulations***

The first version of *History of the PCT Regulations* was published in the book *The First Twenty-Five Years of the Patent Cooperation Treaty (PCT) 1970 - 1995* (available for sale from the WIPO electronic bookshop).

The *History of the PCT Regulations* has now been updated to include the text of the Regulations as in force from 19 June 1970 to 1 January 2004, and is now available in English on the PCT website at:

[www.wipo.int/pct/en/texts/pdf/pct\\_regulations\\_history.pdf](http://www.wipo.int/pct/en/texts/pdf/pct_regulations_history.pdf)

The History reproduces the text of the Regulations as in force from 19 June 1970 to 1 Janu-

ary 2004, and includes all superseded provisions in order to show the evolution of the Regulations, with dates in the margins indicating the period during which the respective provisions were in force.

### **Yearly Review of the PCT: 2003**

The Yearly Review of the PCT: 2003 is now available on the PCT website in French and will be available in the next few days in Russian (in addition to the English and Japanese versions) at, respectively:

[www.wipo.int/pct/fr/access/news.htm](http://www.wipo.int/pct/fr/access/news.htm)

[www.wipo.int/pct/ru/](http://www.wipo.int/pct/ru/)

### **Seminar materials**

Seminar materials covering all aspects of the PCT procedure have been updated in German (in March 2004), Japanese (in March 2004), Spanish (in March 2004), English (in May 2004) and French (in May 2004), and are available at:

[www.wipo.int/pct/en/seminar/mat.htm](http://www.wipo.int/pct/en/seminar/mat.htm)

### **Closing dates of intellectual Property Offices**

In addition to the table detailing closing dates of certain intellectual property Offices in PCT Contracting States in 2004, the list of the closing dates for 2003 has also been made available for reference purposes on the PCT website in English at:

[www.wipo.int/pct/en/access/filing.htm](http://www.wipo.int/pct/en/access/filing.htm)

### **Electronic Filing and Processing of International Applications**

#### **Korean Intellectual Property Office**

It is recalled that the Korean Intellectual Property Office (KIPO), in its capacity as a receiving Office, announced on 18 December 2003 that it was prepared to receive international applications in electronic form filed with it using the PCT-SAFE software as from 1 January 2004 (see *PCT Newsletter* No. 12/2003, page 2).

In accordance with Section 710(b) of the Administrative Instructions, KIPO has now notified the International Bureau of the following information:

- since 15 May 2004, applicants can prepare the application body of international applica-

tions by using the K-Editor (a kind of XML editor) released by KIPO. The PCT-SAFE Editor can also be used for that purpose;

- KIPO now accepts certificates issued by the WIPO Customer Certification Authority (see [www.wipo.int/pct-safe/en/certificates.htm](http://www.wipo.int/pct-safe/en/certificates.htm)) as well as those issued by the KIPO Certification Authority (see [www.kipo.go.kr](http://www.kipo.go.kr)).

For more information on how to file international applications in electronic form at KIPO, please visit KIPO's Website at:

[www.kipo.go.kr](http://www.kipo.go.kr)

### **Change in the Color of PCT Forms issued by RO/GB**

The United Kingdom Patent Office has informed WIPO that, as from 1 August 2004, all forms issued concerning PCT applications processed by that Office in its capacity as receiving Office will be issued on white paper (instead of the usual green paper). This change is being made to facilitate the processing of PCT applications at the United Kingdom Patent Office. (It is recalled that, for similar reasons, the color of all PCT forms issued by the International Bureau on or after 1 January 2004 was also changed to white—see *PCT Newsletter* No. 12/2003, page 4.)

Any enquiries about this matter should be directed to: Tracey Hiscox, Room GY19, Concept House, Cardiff Road, Newport, South Wales, NP10 8QQ.

telephone: (44–1633) 81 46 38  
fax: (44–1633) 81 44 44  
e-mail: [tracey.hiscox@patent.gov.uk](mailto:tracey.hiscox@patent.gov.uk)

### **Note about the Request and Demand Forms**

The Request Form (Form PCT/RO/101) will no longer be revised systematically every six months, as was the case prior to 2004, but will, instead, be revised only as and when necessary. This is as a result of the new format of the Request Form, effective since 1 January 2004, which reflects the new automatic designation system. Similarly, the Demand Form (Form PCT/IPEA/401) will only be revised as and when necessary.

The Request and Demand forms will therefore not be revised in July 2004. News of any future revisions of either of the forms will be given in the *PCT Newsletter*.

## **Practical Advice**

### ***Applicability of power of attorney waivers***

*Q: I refer to the recent amendments to the PCT Regulations which introduced the possibility for receiving Offices to waive the requirement that powers of attorney be submitted. Does this mean that, if the receiving Office with which the international application is filed has made such a waiver, the applicants no longer need to sign the request or a power of attorney appointing the agent (or common representative) who has signed the request?*

A: Under new PCT Rule 90.4(d), any receiving Office (RO), International Searching Authority (ISA), International Preliminary Examining Authority (IPEA) and the International Bureau (IB) may waive the requirement under PCT Rule 90.4(b) that a separate power of attorney appointing an agent or a common representative be submitted to it. Similarly, under new PCT Rule 90.5(c) any RO, ISA or IPEA may waive the requirement under PCT Rule 90.5(a)(ii) that a copy of the general power of attorney be attached to the request, the demand or the separate notice, as the case may be. Therefore, if a receiving Office has waived the requirements under PCT Rule 90.4(b) and/or 90.5(a)(ii), the request can be signed by an agent without the need for a power of attorney to be furnished for the purposes of the filing of the international application.

However, according to Sections 336(c), 433(b), 517(c) and 617(c) of the Administrative Instructions, applicable since 1 January 2004, an Office may require a separate power of attorney or a copy of a general power of attorney in particular instances, even if it has waived the requirement in general. Indeed, many of the Offices which have waived the requirement that a power of attorney be submitted have indicated particular instances in which a separate power of attorney or a copy of a general power of attorney will be required. For example, several offices have indicated that a power of attorney would be required upon appointment of, or for any paper submitted by, an agent or a common representative who was not indicated in the Request Form at the time of filing. Information about any power of attorney waivers and about any particular instances in which a separate power of attorney or a copy of a general power of attorney will be required is published in the *PCT Newsletter* as

and when the waivers are made (see Nos. 01 to 05/2004), and will be included in a consolidated table in the July 2004 issue of the *PCT Newsletter*. The relevant information on waivers that have been made can also be found, for each Office concerned, in Annex C of the *PCT Applicant's Guide* at:

[www.wipo.int/pct/guide/en/index.html](http://www.wipo.int/pct/guide/en/index.html)

Note, in particular, that in all cases where an Office has, under PCT Rule 90.4(d) and/or PCT Rule 90.5(c), waived the requirement to submit a power of attorney, the waiver does not apply in the case where a notice of withdrawal has been signed by an agent or common representative who has not been appointed by all (other) applicants (see PCT Rules 90.4(e) and 90.5(d))—in this case, powers of attorney (whether they be separate powers of attorney or copies of general powers of attorney), signed by all applicants, would be required in order for the withdrawal to be acted upon. In other words, if a power of attorney has not previously been submitted, a notice of withdrawal must either be signed by all applicants or must be signed by the agent or common representative and be accompanied by powers of attorney signed by all (other) applicants.

As far as the signature of the request is concerned, there is an alternative to submitting a power of attorney, signed by all applicants, appointing the agent, and this applies even where a receiving Office has not waived the requirement under PCT Rules 90.4(b) and 90.5(a)(ii). The alternative is for at least one of the applicants to sign the request—it is recalled that under new PCT Rule 26.2*bis*(a), if the request is signed by one of the applicants, the receiving Office will no longer invite correction, and, consequently, the international application may no longer be considered withdrawn under PCT Article 14(1) for failure to respond to an invitation to provide signatures (however, in accordance with PCT Rule 51*bis*.1(a)(vi), designated Offices are

permitted to require any missing signatures in the national phase). Please note that, if only one of the applicants has signed the request, any notice of withdrawal must be signed either by all of the applicants or by an agent or common representative who has been appointed by all (other) applicants.

Even though the requirement to submit a power of attorney may have been waived by the receiving Office, and even though it is acceptable for only one of several applicants to sign the request in satisfaction of the application's signature requirement, agents or common representatives should carefully consider whether they should in any case obtain the signatures of all applicants, either by way of signing a power of attorney or by way of signing the request. By obtaining those signatures, any withdrawal, which requires the signatures of all of the applicants or a power of attorney signed by all of the applicants, could be dealt with by the relevant office/authority immediately, and delays caused by waiting for signatures would not be incurred. Even if those signatures are not actually submitted by the agent/common representative, but are merely kept in the file of the agent/common representative, at least they would be available if they were needed later.

Note that the International Bureau has not made any waiver of powers of attorney, as distinct from the receiving Office of the International Bureau (RO/IB), which has made conditional waivers of the requirement to submit a separate power of attorney and/or a copy of a general power of attorney (see *PCT Newsletter* No. 01/2004, page 3). A power of attorney, signed by at least the deemed common representative (that is, the first-named applicant who is entitled to file with the competent receiving Office) would therefore still be required, for example, where the agent requests the International Bureau to record any changes under PCT Rule 92*bis*, submits amendments under PCT Article 19, and/or requests the correction of priority claims.

**Most Frequent PCT Users\***  
(applicants with the most international applications published in 2003)

Rank	Applicant	Country of residence	No. published in 2003
1.	Koninklijke Philips Electronics N.V.	NL	2,278
2.	Siemens Aktiengesellschaft	DE	1,180
3.	Matsushita Electric Industrial Co., Ltd.	JP	1,071
4.	Robert Bosch GmbH	DE	958
5.	Sony Corporation	JP	822
6.	Nokia Corporation	FI	765
7.	Motorola Inc.	US	715
8.	3M Innovative Properties Company	US	609
9.	Intel Corporation	US	551
10.	Infineon Technologies AG	DE	540
11.	BASF Aktiengesellschaft	DE	519
12.	Telefonaktiebolaget L.M. Ericsson	SE	470
13.	The Procter & Gamble Company	US	439
14.	Thomson Licensing S.A.	FR	433
15.	Qualcomm Incorporated	US	421
16.	Honeywell International Inc.	US	416
17.	Kimberly-Clark Worldwide, Inc.	US	366
18.	E.I. Du Pont de Nemours and Company	US	351
19.	Mitsubishi Denki Kabushiki Kaisha	JP	345
20.	The Regents of the University of California	US	297
21.	Fujitsu Limited	JP	290
22.	Japan Science and Technology Corporation	JP	273
23.	International Business Machines Corporation	US	257
24.	Scimed Life Systems, Inc.	US	245
25.	Applied Materials, Inc.	US	236
26.	Tokyo Electron Limited	JP	224
27.	Honda Giken Kogyo Kabushiki Kaisha	JP	214
28.	Medtronic, Inc.	US	201
29.	Bayer Healthcare AG	DE	200
30.	Merck & Co., Inc.	US	197
31.	Samsung Electronics Co., Ltd.	KR	194
32.	AstraZeneca AB	SE	193
33.	Sharp Kabushiki Kaisha	JP	190
34.	Novartis AG	CH	187
35.	General Electric Company	US	184

*[continued on next page]*

\* The list contains the first-named applicants in 50 or more international applications published in 2003. Note that certain legal entities may be listed separately from other legal entities with which they may be affiliated.

*[Most frequent PCT users (2003), continued]*

<b>Rank</b>	<b>Applicant</b>	<b>Country of residence</b>	<b>No. published in 2003</b>
36.	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.	DE	182
37.	Henkel Kommanditgesellschaft auf Aktien	DE	179
38.	Corning Incorporated	US	178
	Glaxo Group Limited	GB	178
	Unilever plc	GB	178
41.	BSH Bosch und Siemens Hausgeräte GmbH	DE	175
42.	Bayer Aktiengesellschaft	DE	171
43.	Hewlett Packard Company	US	166
44.	DaimlerChrysler AG	DE	159
45.	Advanced Micro Devices, Inc.	US	157
46.	LG Electronics Inc.	KR	156
47.	Daikin Industries, Ltd.	JP	154
	NEC Corporation	JP	154
49.	Ciba Specialty Chemicals Holding Inc.	CH	151
50.	Centre National de la Recherche Scientifique	FR	146
51.	Bristol-Myers Squibb Company	US	143
	Council of Scientific and Industrial Research	IN	143
	Dow Global Technologies Inc.	US	143
	Sun Microsystems, Inc.	US	143
55.	Merck Patent GmbH	DE	140
56.	Commissariat à l'Énergie Atomique	FR	139
57.	Lockheed Martin Corporation	US	137
	Seiko Epson Corporation	JP	137
59.	France Télécom	FR	136
60.	Takeda Chemical Industries, Ltd.	JP	132
61.	Massachusetts Institute of Technology	US	131
62.	Isis Pharmaceuticals, Inc.	US	130
63.	Philips Intellectual Property & Standards GmbH	DE	129
	TDK Corporation	JP	129
65.	The Boeing Company	US	128
66.	Beiersdorf AG	DE	124
	Bridgestone Corporation	JP	124
68.	Exxonmobil Chemical Patents Inc.	US	121
	Hitachi, Ltd.	JP	121
	Shell Internationale Research Maatschappij B.V.	NL	121
71.	DSM IP Assets B.V.	NL	115
72.	Akzo Nobel N.V.	NL	114
73.	Eli Lilly and Company	US	113
	Pfizer Products Inc.	US	113
75.	Raytheon Company	US	111

*[continued on next page]*



*[Most frequent PCT users (2003), continued]*

Rank	Applicant	Country of residence	No. published in 2003
76.	Degussa AG	DE	110
	Showa Denko K. K.	JP	110
78.	Baker Hughes Incorporated	US	108
	Interdigital Technology Corporation	US	108
	Kabushiki Kaisha Toshiba	JP	108
	L'Air Liquide, Société Anonyme à Directoire et Conseil de Surveillance pour l'Étude et l'Exploitation des Procédés Georges Claude	FR	108
	Nikon Corporation	JP	108
83.	SAP Aktiengesellschaft	DE	106
84.	Sanyo Electric Co., Ltd.	JP	105
85.	Rhodia Chimie	FR	104
86.	Asahi Kasei Kabushiki Kaisha	JP	103
	Bayer Cropscience Aktiengesellschaft	DE	103
	Kaneka Corporation	JP	103
89.	Thales	FR	102
	Unilever N.V.	NL	102
91.	Pharmacia Corporation	US	100
	QinetiQ Limited	GB	100
93.	Smithkline Beecham Corporation	US	99
	Syngenta Participations AG	CH	99
95.	Board of Regents, the University of Texas System	US	96
	LuK Lamellen und Kupplungsbau Beteiligungs KG	DE	96
	Seagate Technology LLC	US	96
	The Government of the United States of America, represented by the Secretary, Department of Health and Human Services	US	96
	Wyeth	US	96
100.	National Institute of Advanced Industrial Science and Technology	JP	95
	NGK Insulators, Ltd.	JP	95
102.	Bellsouth Intellectual Property Corporation	US	94
	F. Hoffmann-La Roche AG	CH	94
	Metso Paper, Inc.	FI	94
105.	British Telecommunications Public Limited Company	GB	93
106.	BEA Systems, Inc.	US	92
	PPG Industries Ohio, Inc.	US	92
	Weatherford/Lamb, Inc.	US	92
109.	Abbott Laboratories	US	91
	Ajinomoto Co., Inc.	JP	91
111.	Applera Corporation	US	90
	Exxonmobil Research and Engineering Company	US	90
	Huawei Technologies Co., Ltd.	CN	90
	Molex Incorporated	US	90
115.	Canon Kabushiki Kaisha	JP	89

*[continued on next page]*

*[Most frequent PCT users (2003), continued]*

Rank	Applicant	Country of residence	No. published in 2003
116.	Schott Glas	DE	88
	Sumitomo Electric Industries, Ltd.	JP	88
118.	Boehringer Ingelheim Pharma GmbH & Co. KG	DE	87
	Colgate-Palmolive Company	US	87
	IGT	US	87
	Nortel Networks Limited	CA	87
	Société de Technologie Michelin	FR	87
123.	Koenig & Bauer Aktiengesellschaft	DE	86
124.	Alstom (Switzerland) Ltd.	CH	84
	California Institute of Technology	US	84
	Ebara Corporation	JP	84
	Pharmacia & Upjohn Company	US	84
	SMS Demag Aktiengesellschaft	DE	84
129.	General Instrument Corporation	US	83
	L'Oréal	FR	83
131.	Milliken & Company	US	82
132.	Baxter International Inc.	US	81
	NSK Ltd.	JP	81
134.	Cognis Deutschland GmbH & Co. KG	DE	78
	Dow Corning Corporation	US	78
	Société des Produits Nestlé S.A.	CH	78
137.	Aventis Pharma Deutschland GmbH	DE	77
138.	Continental Teves AG & Co. OHG	DE	76
	Micron Technology, Inc.	US	76
	The Johns Hopkins University	US	76
141.	Nippon Sheet Glass Co., Ltd.	JP	75
142.	Millennium Pharmaceuticals, Inc.	US	74
	The Regents of the University of Michigan	US	74
144.	Olympus Optical Co., Ltd.	JP	73
	Silverbrook Research Pty. Ltd.	AU	73
146.	Incyte Genomics, Inc.	US	72
	Mitsubishi Chemical Corporation	JP	72
148.	Advantest Corporation	JP	71
	Novo Nordisk A/S	DK	71
150.	INA-Schaeffler KG	DE	70
	Schering Corporation	US	70
152.	The Trustees of Columbia University in the City of New York	US	68
	Wisconsin Alumni Research Foundation	US	68
154.	Clariant GmbH	DE	67
	Delphi Technologies Inc.	US	67

*[continued on next page]*

*[Most frequent PCT users (2003), continued]*

Rank	Applicant	Country of residence	No. published in 2003
154.	Riken	JP	67
	Sumitomo Chemical Company, Limited	JP	67
	University of Florida	US	67
159.	Nippon Steel Corporation	JP	66
160.	Giesecke & Devrient GmbH	DE	65
161.	Asahi Glass Company, Limited	JP	64
	Schering Aktiengesellschaft	DE	64
	Toyota Jidosha Kabushiki Kaisha	JP	64
	Zeon Corporation	JP	64
165.	Isis Innovation Limited	GB	63
166.	Consejo Superior de Investigaciones Cientificas	ES	62
	HRL Laboratories, LLC	US	62
	SCA Hygiene Products AB	SE	62
	The General Hospital Corporation	US	62
170.	Becton Dickinson and Company	US	61
	Newfrey LLC	US	61
	Pioneer Corporation	JP	61
174.	Tetra Laval Holdings & Finance S.A.	CH	61
	Alcatel	FR	60
	NTT DoCoMo, Inc.	JP	60
176.	Chevron U.S.A. Inc.	US	59
	Curagen Corporation	US	59
	Forschungszentrum Jülich GmbH	DE	59
	Fuji Photo Film Co., Ltd.	JP	59
	Halliburton Energy Services, Inc.	US	59
183.	Hamamatsu Photonics K.K.	JP	59
	Mitsubishi Heavy Industries, Ltd.	JP	59
	EPCOS AG	DE	58
	Kyowa Hakko Kogyo Co., Ltd.	JP	58
	Smithkline Beecham plc	GB	58
186.	Alcon, Inc.	CH	57
	Ericsson Inc.	US	57
	General Motors Corporation	US	57
	Warner-Lambert Company LLC	US	57
190.	Mars Incorporated	US	56
192.	Yissum Research Development Company of the Hebrew University of Jerusalem	IL	56
	ABB AB	SE	55
	ABB Research Ltd.	CH	55
	Bookham Technology plc	GB	55
	Matsushita Electric Works, Ltd.	JP	55

*[continued on next page]*

*[Most frequent PCT users (2003), continued]*

<b>Rank</b>	<b>Applicant</b>	<b>Country of residence</b>	<b>No. published in 2003</b>
192.	Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO	NL	55
	Nissan Motor Co., Ltd.	JP	55
	ZF Friedrichshafen AG	DE	55
199.	Advanced Cardiovascular Systems, Inc.	US	54
	Clariant International Ltd.	CH	54
	Genset S.A.	FR	54
	The Board of Trustees of the Leland Stanford Junior University	US	54
	Toray Industries, Inc.	JP	54
	Yeda Research and Development Co. Ltd.	IL	54
205.	Accenture Global Services GmbH	CH	53
	Analog Devices Inc.	US	53
	Carl Zeiss SMT AG	DE	53
	Commonwealth Scientific and Industrial Research Organisation	AU	53
	Digeo, Inc.	US	53
	Kao Corporation	JP	53
	Yamaha Hatsudoki Kabushiki Kaisha	JP	53
212.	Arkray, Inc.	JP	52
	Avery Dennison Corporation	US	52
	BASF Coatings AG	DE	52
	Eisai Co. Ltd.	JP	52
	Gemplus	FR	52
	Janssen Pharmaceutica N.V.	BE	52
218.	Eastman Chemical Company	US	51
	Harris Corporation	US	51
	Sandvik AB	SE	51
221.	Autoliv Development AB	SE	50
	Bae Systems plc	GB	50
	Japan Science and Technology Agency	JP	50
	Sony Electronics, Inc.	US	50
	Teva Pharmaceutical Industries Ltd.	IL	50

**Most Frequent PCT Users\***  
(applicants with the most international applications published in 2003)  
(by alphabetical order of applicants' names)

Rank	Applicant	Country of residence	No. published in 2003
8.	3M Innovative Properties Company	US	609
192.	ABB AB	SE	55
192.	ABB Research Ltd.	CH	55
109.	Abbott Laboratories	US	91
205.	Accenture Global Services GmbH	CH	53
199.	Advanced Cardiovascular Systems, Inc.	US	54
45.	Advanced Micro Devices, Inc.	US	157
148.	Advantest Corporation	JP	71
109.	Ajinomoto Co., Inc.	JP	91
72.	Akzo Nobel N.V.	NL	114
174.	Alcatel	FR	60
186.	Alcon, Inc.	CH	57
124.	Alstom (Switzerland) Ltd.	CH	84
205.	Analog Devices Inc.	US	53
111.	Applera Corporation	US	90
25.	Applied Materials, Inc.	US	236
212.	Arkray, Inc.	JP	52
161.	Asahi Glass Company, Limited	JP	64
86.	Asahi Kasei Kabushiki Kaisha	JP	103
32.	AstraZeneca AB	SE	193
221.	Autoliv Development AB	SE	50
137.	Aventis Pharma Deutschland GmbH	DE	77
212.	Avery Dennison Corporation	US	52
221.	Bae Systems plc	GB	50
78.	Baker Hughes Incorporated	US	108
11.	BASF Aktiengesellschaft	DE	519
212.	BASF Coatings AG	DE	52
132.	Baxter International Inc.	US	81
42.	Bayer Aktiengesellschaft	DE	171
86.	Bayer Cropscience Aktiengesellschaft	DE	103
29.	Bayer Healthcare AG	DE	200
106.	BEA Systems, Inc.	US	92
170.	Becton Dickinson and Company	US	61
66.	Beiersdorf AG	DE	124
102.	Bellsouth Intellectual Property Corporation	US	94

*[continued on next page]*

\* The list contains the first-named applicants in 50 or more international applications published in 2003. Note that certain legal entities may be listed separately from other legal entities with which they may be affiliated.

*[Most frequent PCT users (2003) (alphabetical order), continued]*

<b>Rank</b>	<b>Applicant</b>	<b>Country of residence</b>	<b>No. published in 2003</b>
95.	Board of Regents, the University of Texas System	US	96
118.	Boehringer Ingelheim Pharma GmbH & Co. KG	DE	87
192.	Bookham Technology plc	GB	55
66.	Bridgestone Corporation	JP	124
51.	Bristol-Myers Squibb Company	US	143
105.	British Telecommunications Public Limited Company	GB	93
41.	BSH Bosch und Siemens Hausgeräte GmbH	DE	175
124.	California Institute of Technology	US	84
115.	Canon Kabushiki Kaisha	JP	89
205.	Carl Zeiss SMT AG	DE	53
50.	Centre National de la Recherche Scientifique	FR	146
176.	Chevron U.S.A. Inc.	US	59
49.	Ciba Specialty Chemicals Holding Inc.	CH	151
154.	Clariant GmbH	DE	67
199.	Clariant International Ltd.	CH	54
134.	Cognis Deutschland GmbH & Co. KG	DE	78
118.	Colgate-Palmolive Company	US	87
56.	Commissariat à l'Énergie Atomique	FR	139
205.	Commonwealth Scientific and Industrial Research Organisation	AU	53
166.	Consejo Superior de Investigaciones Científicas	ES	62
138.	Continental Teves AG & Co. OHG	DE	76
38.	Corning Incorporated	US	178
51.	Council of Scientific and Industrial Research	IN	143
176.	Curagen Corporation	US	59
47.	Daikin Industries, Ltd.	JP	154
44.	DaimlerChrysler AG	DE	159
76.	Degussa AG	DE	110
154.	Delphi Technologies Inc.	US	67
205.	Digeo, Inc.	US	53
134.	Dow Corning Corporation	US	78
51.	Dow Global Technologies Inc.	US	143
71.	DSM IP Assets B.V	NL	115
18.	E.I. Du Pont de Nemours and Company	US	351
218.	Eastman Chemical Company	US	51
124.	Ebara Corporation	JP	84
212.	Eisai Co. Ltd.	JP	52
73.	Eli Lilly and Company	US	113
183.	EPCOS AG	DE	58
186.	Ericsson Inc.	US	57
68.	Exxonmobil Chemical Patents Inc.	US	121

*[continued on next page]*

*[Most frequent PCT users (2003) (alphabetical order), continued]*

<b>Rank</b>	<b>Applicant</b>	<b>Country of residence</b>	<b>No. published in 2003</b>
111.	Exxonmobil Research and Engineering Company	US	90
102.	F. Hoffmann-La Roche AG	CH	94
176.	Forschungszentrum Jülich GmbH	DE	59
59.	France Télécom	FR	136
36.	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.	DE	182
176.	Fuji Photo Film Co., Ltd.	JP	59
21.	Fujitsu Limited	JP	290
212.	Gemplus	FR	52
35.	General Electric Company	US	184
129.	General Instrument Corporation	US	83
186.	General Motors Corporation	US	57
199.	Genset S.A.	FR	54
160.	Giesecke & Devrient GmbH	DE	65
38.	Glaxo Group Limited	GB	178
176.	Halliburton Energy Services, Inc.	US	59
176.	Hamamatsu Photonics K.K.	JP	59
218.	Harris Corporation	US	51
37.	Henkel Kommanditgesellschaft auf Aktien	DE	179
43.	Hewlett Packard Company	US	166
68.	Hitachi, Ltd.	JP	121
27.	Honda Giken Kogyo Kabushiki Kaisha	JP	214
16.	Honeywell International Inc.	US	416
166.	HRL Laboratories, LLC	US	62
111.	Huawei Technologies Co., Ltd.	CN	90
118.	IGT	US	87
150.	INA-Schaeffler KG	DE	70
146.	Incyte Genomics, Inc.	US	72
10.	Infineon Technologies AG	DE	540
9.	Intel Corporation	US	551
78.	Interdigital Technology Corporation	US	108
23.	International Business Machines Corporation	US	257
165.	Isis Innovation Limited	GB	63
62.	Isis Pharmaceuticals, Inc.	US	130
212.	Janssen Pharmaceutica N.V.	BE	52
221.	Japan Science and Technology Agency	JP	50
22.	Japan Science and Technology Corporation	JP	273
78.	Kabushiki Kaisha Toshiba	JP	108
86.	Kaneka Corporation	JP	103
205.	Kao Corporation	JP	53
17.	Kimberly-Clark Worldwide, Inc.	US	366

*[continued on next page]*

*[Most frequent PCT users (2003) (alphabetical order), continued]*

<b>Rank</b>	<b>Applicant</b>	<b>Country of residence</b>	<b>No. published in 2003</b>
123.	Koenig & Bauer Aktiengesellschaft	DE	86
1.	Koninklijke Philips Electronics N.V.	NL	2,278
183.	Kyowa Hakko Kogyo Co., Ltd.	JP	58
78.	L'Air Liquide, Société Anonyme à Directoire et Conseil de Surveillance pour l'Étude et l'Exploitation des Procédés Georges Claude	FR	108
46.	LG Electronics Inc.	KR	156
57.	Lockheed Martin Corporation	US	137
129.	L'Oréal	FR	83
95.	LuK Lamellen und Kupplungsbau Beteiligungs KG	DE	96
190.	Mars Incorporated	US	56
61.	Massachusetts Institute of Technology	US	131
3.	Matsushita Electric Industrial Co., Ltd.	JP	1,071
192.	Matsushita Electric Works, Ltd.	JP	55
28.	Medtronic, Inc.	US	201
30.	Merck & Co., Inc.	US	197
55.	Merck Patent GmbH	DE	140
102.	Metso Paper, Inc.	FI	94
138.	Micron Technology, Inc.	US	76
142.	Millennium Pharmaceuticals, Inc.	US	74
131.	Milliken & Company	US	82
146.	Mitsubishi Chemical Corporation	JP	72
19.	Mitsubishi Denki Kabushiki Kaisha	JP	345
176.	Mitsubishi Heavy Industries, Ltd.	JP	59
111.	Molex Incorporated	US	90
7.	Motorola Inc.	US	715
100.	National Institute of Advanced Industrial Science and Technology	JP	95
47.	NEC Corporation	JP	154
192.	Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO	NL	55
170.	Newfrey LLC	US	61
100.	NGK Insulators, Ltd.	JP	95
78.	Nikon Corporation	JP	108
141.	Nippon Sheet Glass Co., Ltd.	JP	75
159.	Nippon Steel Corporation	JP	66
192.	Nissan Motor Co., Ltd.	JP	55
6.	Nokia Corporation	FI	765
118.	Nortel Networks Limited	CA	87
34.	Novartis AG	CH	187
148.	Novo Nordisk A/S	DK	71
132.	NSK Ltd.	JP	81
174.	NTT DoCoMo, Inc.	JP	60
144.	Olympus Optical Co., Ltd.	JP	73

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*[Most frequent PCT users (2003) (alphabetical order), continued]*

<b>Rank</b>	<b>Applicant</b>	<b>Country of residence</b>	<b>No. published in 2003</b>
73.	Pfizer Products Inc.	US	113
124.	Pharmacia & Upjohn Company	US	84
91.	Pharmacia Corporation	US	100
63.	Philips Intellectual Property & Standards GmbH	DE	129
170.	Pioneer Corporation	JP	61
106.	PPG Industries Ohio, Inc.	US	92
91.	QinetiQ Limited	GB	100
15.	Qualcomm Incorporated	US	421
75.	Raytheon Company	US	111
85.	Rhodia Chimie	FR	104
154.	Riken	JP	67
4.	Robert Bosch GmbH	DE	958
31.	Samsung Electronics Co., Ltd.	KR	194
218.	Sandvik AB	SE	51
84.	Sanyo Electric Co., Ltd.	JP	105
83.	SAP Aktiengesellschaft	DE	106
166.	SCA Hygiene Products AB	SE	62
161.	Schering Aktiengesellschaft	DE	64
150.	Schering Corporation	US	70
116.	Schott Glas	DE	88
24.	Scimed Life Systems, Inc.	US	245
95.	Seagate Technology LLC	US	96
57.	Seiko Epson Corporation	JP	137
33.	Sharp Kabushiki Kaisha	JP	190
68.	Shell Internationale Research Maatschappij B.V.	NL	121
76.	Showa Denko K. K.	JP	110
2.	Siemens Aktiengesellschaft	DE	1,180
144.	Silverbrook Research Pty. Ltd.	AU	73
93.	Smithkline Beecham Corporation	US	99
183.	Smithkline Beecham plc	GB	58
124.	SMS Demag Aktiengesellschaft	DE	84
118.	Société de Technologie Michelin	FR	87
134.	Société des Produits Nestlé S.A.	CH	78
5.	Sony Corporation	JP	822
221.	Sony Electronics, Inc.	US	50
154.	Sumitomo Chemical Company, Limited	JP	67
116.	Sumitomo Electric Industries, Ltd.	JP	88
51.	Sun Microsystems, Inc.	US	143
93.	Syngenta Participations AG	CH	99
60.	Takeda Chemical Industries, Ltd.	JP	132

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*[Most frequent PCT users (2003) (alphabetical order), continued]*

<b>Rank</b>	<b>Applicant</b>	<b>Country of residence</b>	<b>No. published in 2003</b>
63.	TDK Corporation	JP	129
12.	Telefonaktiebolaget L.M. Ericsson	SE	470
170.	Tetra Laval Holdings & Finance S.A.	CH	61
221.	Teva Pharmaceutical Industries Ltd.	IL	50
89.	Thales	FR	102
199.	The Board of Trustees of the Leland Stanford Junior University	US	54
65.	The Boeing Company	US	128
166.	The General Hospital Corporation	US	62
95.	The Government of the United States of America, represented by the Secretary, Department of Health and Human Services	US	96
138.	The Johns Hopkins University	US	76
13.	The Procter & Gamble Company	US	439
20.	The Regents of the University of California	US	297
142.	The Regents of the University of Michigan	US	74
152.	The Trustees of Columbia University in the City of New York	US	68
14.	Thomson Licensing S.A.	FR	433
26.	Tokyo Electron Limited	JP	224
199.	Toray Industries, Inc.	JP	54
161.	Toyota Jidosha Kabushiki Kaisha	JP	64
89.	Unilever N.V.	NL	102
38.	Unilever plc	GB	178
154.	University of Florida	US	67
186.	Warner-Lambert Company LLC	US	57
106.	Weatherford/Lamb, Inc.	US	92
152.	Wisconsin Alumni Research Foundation	US	68
95.	Wyeth	US	96
205.	Yamaha Hatsudoki Kabushiki Kaisha	JP	53
199.	Yeda Research and Development Co. Ltd.	IL	54
190.	Yissum Research Development Company of the Hebrew University of Jerusalem	IL	56
161.	Zeon Corporation	JP	64
192.	ZF Friedrichshafen AG	DE	55

<b>PCT Seminar Calendar</b>			
<b>Dates and location</b>	<b>Language of seminar</b>	<b>Nature of seminar; WIPO speakers (and others where known)</b>	<b>Organizer and contact numbers</b>
<b>8–9 June 2004 Paris (FR)</b>	French	Advanced seminar on PCT procedures WIPO speakers: Mrs. Coeckelbergs and Ms. Bonvallet	Institut national de la propriété industrielle (INPI) (Mrs. Christiane Sadrin) Tel: (33–1) 53 04 55 76 Fax: (33–1) 42 93 63 52
<b>10–11 June 2004 Lille (FR)</b>	French	Seminar on PCT procedures WIPO speaker: Mrs. Coeckelbergs	Institut national de la propriété industrielle (INPI) (Mrs. Christiane Sadrin) Tel: (33–1) 53 04 55 76 Fax: (33–1) 42 93 63 52
<b>10 June 2004 Oslo (NO)</b>	English	PCT-SAFE workshop WIPO speaker: Mrs. Metcalfe	Norwegian Patent Office (Mr. Otto Scharff) Tel: (47) 22 38 76 69 Fax: (47) 22 38 73 31 E-mail: otto.scharff@patentstyret.no Internet: www.patentstyret.no
<b>7–8 October 2004 Minneapolis (US)</b>	English	PCT update in the framework of the meeting of the Midwest Intellectual Property Institute WIPO speaker: Mr. Maassel Other speakers: Ms. Chasser (USPTO), Mr. Godici (USPTO), Ms. Peters (US Copyright Office)	Midwest Intellectual Property Institute Tel: (1–800) 759 88 40 Fax: (1–651) 227 62 62 (addressed to “Registrar”) E-mail: registrar@minncle.org
<b>13–14 October 2004 Paris (FR)</b>	French	Seminar on the PCT and on the January 2004 amendments to the PCT Regulations WIPO speakers: Mr. Genin and Ms. Bonvallet	Forum Institut für Management GmbH Tel: (49–6221) 500 500 Fax: (49–6221) 500 505 E-mail: Management@Forum-Institut.de
<b>4–5 November 2004 San Francisco (US)</b>	English	Advanced PCT seminar WIPO speakers: Mr. Reischle and Mr. Maassel	Intellectual Property International (Ms. Virginia H. Meyer) Tel: (1–415) 289 74 71 Fax: (1–415) 331 60 68 E-mail: IPI@IPISeminars.com Internet: www.ipiseminars.com
<b>8–9 November 2004 Chicago (US)</b>	English	Advanced training course on the PCT WIPO speakers: Mr. Reischle and Mr. Maassel	The John Marshall Law School Department of Event Management Tel: (1–312) 987 14 20 Fax: (1–312) 427 71 28 E-mail: Events@jmls.edu
<b>10 November 2004 Chicago (US)</b>	English	Training course on PCT-SAFE WIPO speakers: Mr. Reischle and Mr. Maassel	The John Marshall Law School Department of Event Management Tel: (1–312) 987 14 20 Fax: (1–312) 427 71 28 E-mail: Events@jmls.edu
<b>17–18 November 2004 Paris (FR)</b>	French	Seminar on PCT procedures WIPO speakers: Mr. Genin and Ms. Bonvallet	Institut national de la propriété industrielle (INPI) (Mrs. Christiane Sadrin) Tel: (33–1) 53 04 55 76 Fax: (33–1) 42 93 63 52

## PCT Fee Tables

### (amounts on 1 June 2004, unless otherwise indicated)

The following Tables show the amounts and currencies of the main PCT fees which are payable to the receiving Offices (ROs) and the International Preliminary Examining Authorities (IPEAs) during the international phase under Chapter I (Tables I(a) and I(b)) and under Chapter II (Table II). Fees which are payable only in particular circumstances are not shown; nor are details of certain reductions and refunds which may be available; such information can be found in the *PCT Applicant's Guide*, Vol. I/B, Annexes C, D and E. Note that all amounts are subject to change due to variations in the fees themselves or fluctuations in exchange rates. The international filing fee may be reduced by CHF 100 under certain circumstances where the request is prepared using the PCT-SAFE software or by CHF 200 or 300 where the international application is filed in electronic form, as prescribed; see footnotes 2 and 5 for details. A 75% reduction in the international filing fee (including the fee per sheet over 30) and the handling fee, as well as an exemption from the transmittal fee payable to the International Bureau as receiving Office, is also available to applicants from certain States—see footnotes 3 and 10. (Note that if the CHF 100, 200 or 300 reduction, as the case may be, and the 75% reduction are applicable, the 75% reduction is calculated **after** the CHF 100, 200 or 300 reduction.) The footnotes to the Fee Tables follow Table II.

*Key to abbreviations used in fee tables:*

eq	equivalent of –	BGL	Bulgarian lev	GBP	Pound sterling	LSM	Lesotho loti	SEK	Swedish krona
IPEA	International Preliminary Examining Authority	BRR	Brazilian real	GEL	Georgian lari	LTL	Lithuanian litas	SGD	Singapore dollar
ISA	International Searching Authority	BYR	Belarussian rouble	GHC	Ghanaian cedi	LVL	Latvian lat	SIT	Slovenian tolar
n a	not applicable	BZD	Belize dollar	HRK	Croatian kuna	MAD	Moroccan dirham	SKK	Slovak koruna
RO	receiving Office	CAD	Canadian dollar	HUF	Hungarian forint	MDL	Moldovan leu	TJS	Tajik somoni
		CHF	Swiss franc	IDR	Indonesian rupiah	MKD	Macedonian denar	TND	Tunisian dinar
		CNY	Yuan renminbi	ILS	New Israel shekel	MWK	Malawian kwacha	TTD	Trinidad and Tobago dollar
		COP	Colombian peso	INR	Indian rupee	MXP	Mexican peso	UAH	Ukrainian hryvnia
		CUP	Cuban convertible peso	ISK	Icelandic krona	NOK	Norwegian krone	USD	US dollar
AED	United Arab Emirates dirham	CYP	Cyprus pound	JPY	Japanese yen	NZD	New Zealand dollar	VND	Vietnamese dong
ALL	Albanian lek	CZK	Czech koruna	KES	Kenyan shilling	PHP	Philippine peso	YUD	Yugoslavian dinar
AMD	Armenian dram	DKK	Danish krone	KGS	Kyrgyz som	PLZ	Polish zloty	ZAR	South African rand
AUD	Australian dollar	DZD	Algerian dinar	KPW	KP won	ROL	Romanian leu	ZWD	Zimbabwe dollar
AZM	Azerbaijani manat	EEK	Estonian kroon	KRW	KR won	RUR	Russian rouble		
		EUR	Euro	KZT	Kazakh tenge	SDP	Sudanese pound		

**Table I(a) — Transmittal and international filing fees**  
(amounts on 1 June 2004, unless otherwise indicated)

RO	Transmittal fee <sup>1</sup>	International filing fee <sup>1,2,3</sup> (CHF 1,400)	Fee per sheet over 30 <sup>1,2,3,4</sup> (CHF 15)	PCT-EASY reduction <sup>2,5</sup> (CHF 100)	Competent ISA(s) <sup>6</sup>
AE	AED <sup>7</sup> —	AED eq CHF 1,400	15	n a	AT AU
AG	Information not yet available				
AL	ALL 9,000	CHF 1,400	15	n a	EP
AM	AMD 32,000	USD 1,134	12	81	EP RU
AP	USD 50 (or eq in local currency)	USD 1,134	12	81	AT EP SE
AT	EUR 50	EUR 902	10	64	EP
AU	AUD 100	AUD 1,525	16	109	AU
AZ	AZM 55,000	USD 1,134	12	n a	EP RU
BA	EUR 25.56	EUR 902	10	64	EP
BE	EUR 40	EUR 902	10	64	EP
BG	BGL 60	BGL eq CHF 1,400	eq CHF 15	eq CHF 100	EP RU
BR	BRR 236	BRR eq CHF 1,400	eq CHF 15	eq CHF 100	AT EP SE US
BW	Information not yet available				
BY	BYR eq USD 70	USD 1,134	12	n a	EP RU
BZ	BZD 220	USD 1,134	12	81	EP
CA	CAD 300	CAD 1,489	16	106	EP
CH	CHF 100	CHF 1,400	15	100	EP
CN	CNY 500	CNY eq CHF 1,400	eq CHF 15	eq CHF 100	CN
CO	COP <sup>7</sup> —	COP eq USD 1,134	eq USD 12	eq USD 81)	AT, EP, ES, RU
CR	USD 175	USD 1,134	12	81	EP ES
CU	USD (or eq CUP) <sup>200</sup>	USD(or eq CUP) 1,134	12	81	AT EP ES RU
CY	CYP 75	CYP 526	6	n a	EP
CZ	CZK 1,500	CZK eq CHF 1,400	eq CHF 15	eq CHF 100	EP
DE	EUR 90	EUR 902	10	64	EP
DK	DKK 1,500	DKK 6,700	70	480	EP SE

[continued on next page]

**Table I(a) — Transmittal and international filing fees [continued]**  
(amounts on 1 June 2004, unless otherwise indicated)

RO	Transmittal fee <sup>1</sup>	International filing fee <sup>1,2,3</sup> (CHF 1,400)	Fee per sheet over 30 <sup>1,2,3,4</sup> (CHF 15)	PCT-EASY reduction <sup>2,5</sup> (CHF 100)	Competent ISA(s) <sup>6</sup>
DM	Information not yet available				
DZ	DZD None	CHF 1,400	15	100	AT EP
EA	RUR eq USD 50	USD 1,134	12	81	EP RU
EC	USD <sup>7</sup> —	USD 1,134	12	81	EP ES
EE	EEK 1,800	EEK eq CHF 1,400	eq CHF 15	eq CHF 100	EP
EG	Information not yet available				
EP <sup>5</sup>	EUR 100	EUR 902	10	64 <sup>5</sup>	EP
ES	EUR 63.99	EUR 902	10	64	EP ES
FI	EUR 135	EUR 902	10	64	EP SE
FR <sup>5</sup>	EUR 60	EUR 902	10	64	EP
GB	GBP 55	GBP 628	7	45	EP
GD	Information not yet available				
GE	GEL <sup>8</sup> 10	USD 1,134	12	81	EP RU
GH	GHC <sup>9</sup> 2,500 or 5,000	USD 1,134	12	n a	AT AU CN EP SE
GR	EUR 115	EUR 902	10	64	EP
HR	HRK 200	HRK eq CHF 1,400	eq CHF 15	eq CHF 100	EP
HU	HUF 10,000	HUF eq CHF 1,400	eq CHF 15	eq CHF 100	EP RU
IB <sup>5</sup>	CHF <sup>10</sup> 100 or EUR <sup>10</sup> 64 or USD <sup>10</sup> 81	CHF 1,400 or EUR 902 or USD* 1,134	15 10 12	100 64 81	See footnote 11
ID	IDR 500,000	IDR eq CHF 1,400	eq CHF 15	eq CHF 100	AU EP RU
IE	EUR 76.00	EUR 902	10	64	EP
IL	ILS 476	USD 1,134	12	81	EP US
IN	INR 5,000 (filing by indiv: 1,500)	USD 1,134	12	81	AT AU CN EP SE US
IS	ISK 6,500	ISK 80,000	900	5,700	EP SE
IT	EUR 30.99	EUR 902	10	n a	EP
JP	JPY 13,000	JPY 116,000	1,200	8,300	EP JP
KE	USD (or KES equiv) 250 plus cost of mailing	USD 1,134	12	81	AT AU CN EP SE
KG	KGS eq USD 100	USD 1,134	12	81	EP RU
KP	KPW eq CHF 50	KPW eq CHF 1,400	eq CHF 15	eq CHF 100	AT RU
KR	KRW 45,000	KRW 1,329,000	14,000	95,000	AT AU JP <sup>12</sup> KR
KZ	KZT <sup>7</sup> —	USD 1,134	12	81	EP RU
LR	USD 45	USD 1,134	12	n a	AT AU CN EP SE
LS	LSM <sup>7</sup> —	LSM eq CHF 1,400	eq CHF 15	n a	AT EP
LT	LTL 320	EUR 902	10	64	EP RU
LU	EUR 19	EUR 902	10	n a	EP
LV	LVL 47.20	USD 1,134	12	81	EP RU
MA	None	CHF 1,400	15	n a	AT EP RU SE
MC	EUR 49 <sup>13</sup>	EUR 902	10	n a	EP
MD	MDL 180	USD 1,134	12	81	EP RU
MK	MKD 2,750	MKD eq CHF 1,400	eq CHF 15	eq CHF 100	EP
MN	None	CHF 1,400	15	100	EP RU
MW	MWK 6,000	MWK 111,100	1,200	7,900	EP
MX	MXP <sup>3</sup> eq USD 200	MXP eq CHF 1,400	eq CHF 15	eq CHF 100	EP ES SE US
NA	Information not yet available				
NI	USD 200	USD 1,134	12	81	EP ES
NL	EUR 50	EUR 902	10	64	EP
NO	NOK 500	NOK 7,370	80	530	EP SE
NZ	NZD 180 <sup>14</sup>	NZD 1,624	17	116	AU EP US

[continued on next page]

**Table I(a) — Transmittal and international filing fees** [continued]  
(amounts on 1 June 2004, unless otherwise indicated)

RO	Transmittal fee <sup>1</sup>		International filing fee <sup>1,2,3</sup> (CHF 1,400)		Fee per sheet over 30 <sup>1,2,3,4</sup> (CHF 15)	PCT-EASY reduction <sup>2,5</sup> (CHF 100)	Competent ISA(s) <sup>6</sup>
OA	Information not yet available						
OM	Information not yet available						
PG	Information not yet available						
PH	PHP	3,500	USD	1,134	12	81	AU EP JP KR US
PL	PLZ	300	PLZ	eq CHF 1,400	eq CHF 15	n a	EP
PT	EUR	30	EUR	902	10	64	EP
RO	ROL	300,000	CHF	1,400	15	100	AT EP RU
RU	RUR	294	USD	1,134	12	81	EP RU
SC	Information not yet available						
SD	SDP	50	SDP	eq CHF 1,400	eq CHF 15	n a	EP
SE	SEK	1,200	SEK	8,140	90	580	EP SE
SG	SGD	150	SGD	1,926	21	138	AT AU EP
SI	SIT	22,000	SIT	eq CHF 1,400	eq CHF 15	eq CHF 100	EP
SK	SKK	1,600	SKK	eq CHF 1,400	eq CHF 15	eq CHF 100	EP
SY	Information not yet available						
TJ	TJS <sup>7</sup>	—	USD	1,134	12	n a	EP RU
TM	USD <sup>7</sup>	—	USD	1,134	12	81	EP RU
TN	TND <sup>7</sup>	—	CHF	1,400	15	n a	EP
TR	CHF	100	CHF	1,400	15	100	EP
TT	TTD	750	USD	1,134	12	81	AT EP SE US
UA	UAH	255	USD (or eq UAH)	1,134	12	n a	EP RU
US	USD	300	USD	1,134	12	81	EP US
UZ	USD <sup>7</sup>	—	USD	1,134	12	81	EP RU
VC	Information not yet available						
VN	VND eq USD	150	VND	eq CHF 1,400	eq CHF 15	n a	AT AU EP KR RU SE
YU	YUD	3,000	YUD	eq CHF 1,400	eq CHF 15	eq CHF 100	EP
ZA	ZAR	500	ZAR	7,490	80	530	AT AU EP US
ZM	Information not yet available						
ZW	ZWD	6,000	ZWD	eq USD 1,134	eq USD 12	eq USD 81	AT AU CN EP RU

**Table I(b) — Search fees**  
(amounts on 1 June 2004, unless otherwise indicated)

ISA	Search fee <sup>1</sup>											
AT	EUR	159	CHF	247	KRW	235,000	SGD	310	USD	182	ZAR	1,320
AU	AUD	1,200	CHF	1,157	EUR	738	KRW	1,014,000	NZD	1,370	SGD	1,490
	USD	865	ZAR*	6,500								
		* (from 1.7.04:		ZAR	5,800)							
CN	CNY	1,500	CHF	245	EUR	158	USD	181				
EP <sup>15</sup>	EUR	1,550	CAD	2,520	CHF	2,432	CYP	905	DKK	11,520	GBP	1,078
	ISK	138,000	JPY*	213,700	MWK	194,000	NOK	13,450	NZD	2,884	SEK	13,870
	SGD	3,130	USD	1,920	ZAR**	13,600						
		* (from 1.8.04:		JPY	200,100)							
		** (from 1.7.04:		ZAR	12,000)							
ES <sup>15</sup>	EUR	1,550	CHF	2,432	USD	1,920						
JP	JPY	97,000	CHF	1,168	EUR	752	KRW	1,066,000	USD	887		
KR	KRW	225,000	CHF	238	EUR	151	USD	194				
RU <sup>16</sup>	USD	300	CHF	406	EUR	262						
SE	SEK	13,870	CHF	2,432	DKK	11,520	EUR	1,550	ISK	138,000	NOK	13,450
	USD	1,920										
US	USD	1,000	300 <sup>17</sup>	CHF	1,318	395 <sup>17</sup>	EUR	787	254 <sup>17</sup>	NZD	1,570	470 <sup>17</sup>
	ZAR*	6,600	2,000 <sup>17</sup>									

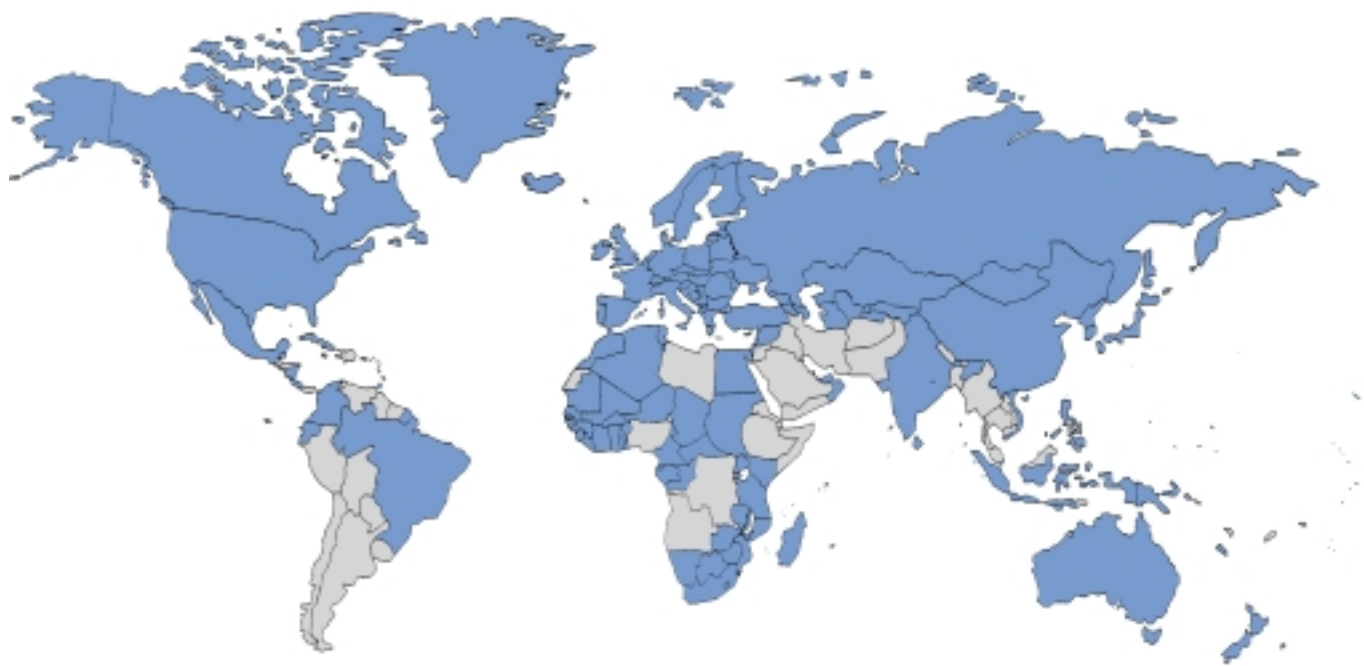
**Table II — Preliminary examination fees**  
(amounts on 1 June 2004, unless otherwise indicated)

IPEA	Preliminary examination fee <sup>18</sup>		Handling fee <sup>3,18</sup> (CHF 200)		
AT	EUR	159	EUR	129	
AU	AUD	550	1,000 <sup>19</sup>	AUD	218
CN	CNY	1,500		CNY eq CHF	200
EP <sup>15</sup>	EUR	1,530		EUR	129
ES	EUR	502.97		EUR	129
JP	JPY	36,000		JPY	16,600
KR	KRW	225,000		KRW	190,000
RU <sup>16</sup>	USD	200 <sup>20</sup>	300 <sup>21</sup>	USD	162
SE	SEK	5,000		SEK	1,160
US	USD	600	750 <sup>22</sup>	USD	162

*Footnotes to fee tables:*

- 1 Payable to the receiving Office in the currency or one of the currencies prescribed by it.
- 2 The international filing fee is reduced by CHF 100 where: (a) the request is presented as a computer print-out prepared using the PCT-EASY features of the PCT-SAFE software; (b) the request is filed together with a computer diskette, prepared using that software, containing a copy in electronic form of the data contained in the request and of the abstract; and (c) the PCT application is filed with a receiving Office which is prepared to accept the filing of PCT applications containing requests in PCT-EASY format together with PCT-EASY diskettes.
- 3 This fee is reduced by 75% where the applicant or, if there are two or more applicants, each applicant fulfills the criteria indicated on page 27 of *PCT Newsletter* No. 12/2003, or on the PCT website at: [www.wipo.int/pct/en/fees/fee\\_reduction.pdf](http://www.wipo.int/pct/en/fees/fee_reduction.pdf)
- 4 Where the PCT application as filed contains a sequence listing part in computer readable form only, or both in that form and on paper, under Section 801 of the Administrative Instructions under the PCT, and where that application is filed with a receiving Office which is prepared to accept such filings, a fixed component of 400 times the fee per sheet over 30 is payable for the sequence listing part, irrespective of the actual length of that part (see Section 803(ii) of the *Administrative Instructions*).
- 5 Where the international application is filed in electronic form in accordance with and to the extent provided for in Part 7 and Annex F of the Administrative Instructions and where the international application is filed with a receiving Office which has notified the International Bureau under Section 710 of the Administrative Instructions that it is prepared to receive international applications in electronic form, the international filing fee is reduced by CHF 200 if the text of the description, claims and abstract is not in character coded format, and by CHF 300 if the text of the description, claims and abstract is in character coded format. Only the following receiving Offices have sent such a notification so far: RO/EP, ES, FI, FR, IB and KR. The equivalent amounts of those reductions in the relevant currencies are as follows: **CHF 200=EUR 129, KRW 190,000, USD 162; CHF 300=EUR 193, JPY 24,900, KRW 285,000, USD 243.**
- 6 For the search fee payable to the receiving Office, consult the entry in Table I(b) for the competent International Searching Authority.
- 7 The amounts are not yet known or, where known, are subject to periodical revision. The Office or the agent should be consulted for the latest applicable schedule of fees.
- 8 This fee is reduced by 80% where the applicant is a natural person.
- 9 The first amount of the transmittal fee is applicable to individuals or entities employing less than 25 persons. The second amount is applicable to entities employing 25 persons or more.
- 10 This fee is not payable in respect of international applications filed by applicants fulfilling the conditions indicated on page 27 of *PCT Newsletter* No. 12/2003, or on the PCT website at: [www.wipo.int/pct/en/fees/fee\\_reduction.pdf](http://www.wipo.int/pct/en/fees/fee_reduction.pdf).
- 11 The competent International Searching Authority(ies) for an international application filed with the International Bureau as receiving Office is (are) the Authority(ies) which would have been competent if the international application had been filed with the receiving Office of, or acting for, the Contracting State of which the applicant (or any of the applicants) is a resident or national. See also *PCT Applicant's Guide*, Vol. I/B, Annex C (IB).
- 12 The Japan Patent Office is competent only for international applications in Japanese.
- 13 Plus EUR 1 for the preparation of additional copies, for each page and each copy.
- 14 Plus 12.5% GST (Goods and Services Tax) for New Zealand residents.
- 15 The search fee payable to the EPO and the Spanish Patent and Trademark Office, as well as the preliminary examination fee payable to the EPO, are reduced by 75% where the applicant or, if there are two or more applicants, each applicant is a natural person and is a national of and resides in a State not party to the European Patent Convention, which fulfils the requirements for the corresponding reduction of certain PCT fees as specified in Item 4(a) of the Schedule of Fees annexed to the PCT Regulations, and in accordance with the decision of the EPO's Administrative Council of 11 October 2000, the text of which was included in *PCT Newsletter* No. 11/2000. The States concerned are those indicated in part 1 of the table on page 27 of *PCT Newsletter* No. 12/2003 or on the PCT website at: [www.wipo.int/pct/en/fees/fee\\_reduction.pdf](http://www.wipo.int/pct/en/fees/fee_reduction.pdf), with the exception of Bulgaria, the Czech Republic, Estonia, Hungary, Poland, Romania, Slovakia and Turkey.
- 16 The applicant may, instead of paying the USD amount, pay the equivalent amount in RUR at the exchange rate applicable, on the date of payment, at the Central Bank of the Russian Federation, provided that, in the case of the search fee, the receiving Office accepts payment in RUR.
- 17 Payable when a corresponding prior US national application has been filed under 35 USC 111(a), the basic filing fee under 37 CFR 1.16(a) has been paid, and the prior US national application is identified by the application number if known, or if the application number is not known, by the filing date, title and name of applicant (and preferably by the application docket number), in the international application or accompanying the papers at the time of filing the international application.
- 18 Payable to the International Preliminary Examining Authority in the currency or one of the currencies prescribed by it.
- 19 Payable when the international search report was not issued by the Australian Patent Office.
- 20 Payable when the international search report was established by the Russian Patent Office.
- 21 In all cases where footnote 20 does not apply.
- 22 Payable when the international search was not carried out by the United States Patent and Trademark Office (USPTO) (provided that the USPTO is a competent International Preliminary Examining Authority in the particular case—see *PCT Applicant's Guide*, Vol. I/B, Annex C (US)).

## PCT Contracting States and Two-letter Codes (123 on 1 June 2004)



AE United Arab Emirates	CR Costa Rica	IL Israel	ML Mali (OA) <sup>2</sup>	SY Syrian Arab Republic
AG Antigua and Barbuda	CU Cuba	IN India	MN Mongolia	SZ Swaziland (AP) <sup>2</sup>
AL Albania <sup>1</sup>	CY Cyprus (EP) <sup>2</sup>	IS Iceland	MR Mauritania (OA) <sup>2</sup>	TD Chad (OA) <sup>2</sup>
AM Armenia (EA)	CZ Czech Republic (EP)	IT Italy (EP) <sup>2</sup>	MW Malawi (AP)	TG Togo (OA) <sup>2</sup>
AT Austria (EP)	DE Germany (EP)	JP Japan	MX Mexico	TJ Tajikistan (EA)
AU Australia	DK Denmark (EP)	KE Kenya (AP)	MZ Mozambique (AP)	TM Turkmenistan (EA)
AZ Azerbaijan (EA)	DM Dominica	KG Kyrgyzstan (EA)	NA Namibia (AP)	TN Tunisia
BA Bosnia and Herzegovina	DZ Algeria	KP Democratic People's Republic of Korea	NE Niger (OA) <sup>2</sup>	TR Turkey (EP)
BB Barbados	EC Ecuador	KR Republic of Korea	NI Nicaragua	TT Trinidad and Tobago
BE Belgium (EP) <sup>2</sup>	EE Estonia (EP)	KZ Kazakhstan (EA)	NL Netherlands (EP) <sup>2</sup>	TZ United Republic of Tanzania (AP)
BF Burkina Faso (OA) <sup>2</sup>	EG Egypt	LC Saint Lucia	NO Norway	UA Ukraine
BG Bulgaria (EP)	ES Spain (EP)	LI Liechtenstein (EP)	NZ New Zealand	UG Uganda (AP)
BJ Benin (OA) <sup>2</sup>	FI Finland (EP)	LK Sri Lanka	OM Oman	US United States of America
BR Brazil	FR France (EP) <sup>2</sup>	LR Liberia	PG Papua New Guinea	VN Viet Nam
BW Botswana (AP)	GA Gabon (OA) <sup>2</sup>	LS Lesotho (AP)	PH Philippines	YU Serbia and Montenegro
BY Belarus (EA)	GB United Kingdom (EP)	LT Lithuania <sup>1</sup>	PL Poland (EP)	ZA South Africa
BZ Belize	GD Grenada	LU Luxembourg (EP)	PT Portugal (EP)	ZM Zambia (AP)
CA Canada	GE Georgia	LV Latvia <sup>1</sup>	RO Romania (EP)	ZW Zimbabwe (AP)
CF Central African Republic (OA) <sup>2</sup>	GH Ghana (AP)	MA Morocco	RU Russian Federation (EA)	
CG Congo (OA) <sup>2</sup>	GM Gambia (AP)	MC Monaco (EP) <sup>2</sup>	SC Seychelles	
CH Switzerland (EP)	GN Guinea (OA) <sup>2</sup>	MD Republic of Moldova (EA)	SD Sudan (AP)	
CI Côte d'Ivoire (OA) <sup>2</sup>	GQ Equatorial Guinea (OA) <sup>2</sup>	MG Madagascar	SE Sweden (EP)	
CM Cameroon (OA) <sup>2</sup>	GR Greece (EP) <sup>2</sup>	MK The former Yugoslav Republic of Macedonia <sup>1</sup>	SG Singapore	
CN China	HR Croatia		SI Slovenia (EP) <sup>2</sup>	
CO Colombia	HU Hungary (EP)		SK Slovakia (EP)	
	ID Indonesia		SL Sierra Leone (AP)	
	IE Ireland (EP) <sup>2</sup>		SN Senegal (OA) <sup>2</sup>	

<sup>1</sup> Extension of European patent possible.

<sup>2</sup> May only be designated for a regional patent (the "national route" via the PCT has been closed).

Where a State can be designated for a regional patent, the two-letter code for the regional patent concerned is indicated in parentheses (AP = ARIPO patent, EA = Eurasian patent, EP = European patent, OA = OAPI patent).

**Important:**

This list includes all States that have adhered to the PCT by the date shown in the heading. Any State indicated in **bold italics** has adhered to the PCT but will only become bound by the PCT on the date shown in parentheses; it will not be considered to have been designated in international applications filed before that date.

Note that even though the filing of a request constitutes under PCT Rule 4.9(a) the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents, applicants should always use the latest versions of the request form (PCT/RO/101) and demand form (PCT/IPEA/401) (the latest versions are dated January 2004) or, if filing the request using the PCT-EASY features of the PCT-SAFE software, the latest version of that software (the latest version is dated January 2004). The request and demand forms are reproduced in Annexes X and Y, respectively, in Vol. I/B of the *PCT Applicant's Guide* (January 2004 update), and can be printed from the WIPO Internet site, in editable PDF format, at: [www.wipo.int/pct/en/forms/index.htm](http://www.wipo.int/pct/en/forms/index.htm), or obtained from receiving Offices or the International Bureau, or, in the case of the demand form, also from International Preliminary Examining Authorities. The PCT-SAFE software is available from the PCT-SAFE website at: [www.wipo.int/pct-safe/en/index.htm](http://www.wipo.int/pct-safe/en/index.htm)