

# PCT

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# NEWSLETTER

August 1998

No. 08/1998

## PCT STATISTICS

### 1 January to 30 June 1998

During the first six months of 1998, the International Bureau of WIPO received 33,476 international applications filed with PCT receiving Offices worldwide, representing an increase of 26.4% over the same period in 1997.

The number of demands for international preliminary examination filed under Chapter II during the same period amounted to 23,347, representing an increase of 19.9% over the same period last year.

An increasing number of international applications are being filed with the International Bureau as receiving Office—during the first six months of 1998, 1,068 international applications were filed with that Office, which represents an increase of 29% over the same period in 1997.

## MOST FREQUENT PCT USERS IN 1997

In 1997, 279 PCT applicants accounted for 36.3% (18,239) of the 50,282 international applications published, each with 20 or more such applications. This represents an increase over 1996 of 18.2% in the number of applicants in whose names 20 or more international applications were published. Of these 279 applicants (in general, the first-named applicants in the applications concerned), 45.8% were from the United States of America, 15.1% from Japan, and 10.8% from Germany. There were 39 applicants in each of whose names more than 100 international applications were published. The largest PCT user

in 1997 was Siemens Aktiengesellschaft, with 841 international applications published that year.

The list of the 279 most frequent PCT users in 1997 (derived from the *PCT Gazette* Index for that year—see *PCT Newsletter* No. 06/1998 for details), appears on pages 8 to 12.

## TYPES OF PROTECTION AVAILABLE IN PCT CONTRACTING STATES

Since the publication in *PCT Newsletter* No. 08/1997 of a table setting out, for each Contracting State, the types of protection which can be obtained where that State is designated in an international application, several States have become bound by the PCT, and certain types of protection other than patents have become available in certain States. An update of that table appears on pages 6 and 7.

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**PCT INFORMATION UPDATE****BE Belgium (e-mail address—correction)**

The e-mail addresses of the Industrial Property Office of Belgium should be corrected as follows:

e-mail: piie\_dir@prophost.eunet.be  
piie\_doc@prophost.eunet.be

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

**YU Yugoslavia (e-mail address)**

The Federal Intellectual Property Office of Yugoslavia now has an e-mail address, as follows:

e-mail: yupat@gov.yu

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

**Handling fee (Australian Patent Office)**

As from 15 August 1998, there will be a change in the equivalent amount of the handling fee, payable to the Australian Patent Office as International Preliminary Examining Authority, as indicated in Table II.

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

**PCT MATERIALS ON INTERNET**  
(<http://www.wipo.int>)

\**PCT Gazette*

*PCT Newsletter* (Nos. 01/1997–08/1998\*)

PCT Information Line

Recent press releases/updates about the PCT

\*PCT seminar calendar

*Basic Facts about the PCT*

The PCT in 1997

About the Treaty

Text of the PCT

\*Text of the Regulations under the PCT

Direct filing of PCT applications with the International Bureau as PCT receiving Office

Status of ratifications

PCT Assembly documents (16 September–1 October 1997), including Report containing Rule changes

*PCT Applicant's Guide*

PCT request and demand forms

\*New or revised since last issue of the *PCT Newsletter*

\* \* \*

**PCT INFORMATION LINE**

Telephone: (41–22) 338 83 38

Fax: (41–22) 338 83 39

E-mail: [pct.infoline@wipo.int](mailto:pct.infoline@wipo.int)

**NOTE ON A MEASURE INSTITUTED BY THE DIRECTOR GENERAL OF OAPI CONCERNING THE PROCESSING OF PCT APPLICATIONS**

The International Bureau has received a note from the Director General of the African Intellectual Property Organization (OAPI), with the request to bring it to the attention of PCT users. A translation of that note is reproduced hereafter:

“Since it came into office in August 1997, the new administrative team at OAPI has concerned itself with enhancing OAPI’s image in response to the desire of the Organization’s member States and the users of its intellectual property system.

“Noteworthy among the measures instituted to that end is office memorandum No. 0069/OAPI/DG/DPI of 22 April 1998, on the interpretation of Article 16(4) of Annex I of the Bangui Agreement with respect to the processing of international patent applications filed under the PCT.

“The Organization’s technical departments had different interpretations of the paragraph in question. For some, international patent applications filed under the PCT were not subject to the examination provided for in paragraphs (1) to (3) of the above-mentioned Article 16 in the regional phase. For others, OAPI had to satisfy itself that all applications filed with it, including those filed under the PCT, were in order and acceptable.

“The latter interpretation resulted in notifications of defects and the blocking of certain files, with applicants and agents invoking the provisions of Article 16(4).

“In his memorandum, the Director General of OAPI instructed the technical departments to confine themselves, when examining international patent applications filed under the PCT, to the patentability criteria set forth in Annex I of the Bangui Agreement that were based on substantive requirements, and not to apply any other criterion.

“All pending files have been settled on this basis, and from now on all incoming applications will be processed in the same way.”

**PARIS CONVENTION****Accession by Laos**

On 8 July 1998, Laos (country code: LA) deposited its instrument of accession to the Paris Convention for the Protection of Industrial Property. Laos will become bound by that Convention on 8 October 1998.

**List of member States**

A number of States have adhered to the Paris Convention for the Protection of Industrial Property since the publication in *PCT Newsletter* No. 08/1997 of a list of the States party to that Convention. An update of that list appears below.

<b>States party to the Paris Convention for the Protection of Industrial Property and their two-letter codes (on 1 August 1998)</b>			
Albania (AL)	Denmark (DK)	Liberia (LR)	Senegal (SN)
Algeria (DZ)	Dominican Republic (DO)	Libya (LY)	Sierra Leone (SL)
Argentina (AR)	Egypt (EG)	Liechtenstein (LI)	Singapore (SG)
Armenia (AM)	El Salvador (SV)	Lithuania (LT)	Slovakia (SK)
Australia (AU)	Equatorial Guinea (GQ)	Luxembourg (LU)	Slovenia (SI)
Austria (AT)	Estonia (EE)	Madagascar (MG)	South Africa (ZA)
Azerbaijan (AZ)	Finland (FI)	Malawi (MW)	Spain (ES)
Bahamas (BS)	France (FR)	Malaysia (MY)	Sri Lanka (LK)
Bahrain (BH)	Gabon (GA)	Mali (ML)	Sudan (SD)
Bangladesh (BD)	Gambia (GM)	Malta (MT)	Suriname (SR)
Barbados (BB)	Georgia (GE)	Mauritania (MR)	Swaziland (SZ)
Belarus (BY)	Germany (DE)	Mauritius (MU)	Sweden (SE)
Belgium (BE)	Ghana (GH)	Mexico (MX)	Switzerland (CH)
Benin (BJ)	Greece (GR)	Monaco (MC)	Syria (SY)
Bolivia (BO)	Grenada (GD)* (from 22 September 1998)	Mongolia (MN)	Tajikistan (TJ)
Bosnia and Herzegovina (BA)	Guatemala (GT)* (from 18 August 1998)	Morocco (MA)	The former Yugoslav Republic of
Botswana (BW)*	Guinea (GN)	Mozambique (MZ)*	Macedonia (MK)
Brazil (BR)	Guinea-Bissau (GW)	Netherlands (NL)	Togo (TG)
Bulgaria (BG)	Guyana (GY)	New Zealand (NZ)	Trinidad and Tobago (TT)
Burkina Faso (BF)	Haiti (HT)	Nicaragua (NI)	Tunisia (TN)
Burundi (BI)	Holy See (VA)	Niger (NE)	Turkey (TR)
Cambodia (KH)* (from 22 September 1998)	Honduras (HN)	Nigeria (NG)	Turkmenistan (TM)
Cameroon (CM)	Hungary (HU)	Norway (NO)	Uganda (UG)
Canada (CA)	Iceland (IS)	Panama (PA)	Ukraine(UA)
Central African Republic (CF)	Indonesia (ID)	Paraguay (PY)	United Arab Emirates (AE)
Chad (TD)	Iran (Islamic Republic of) (IR)	Peru (PE)	United Kingdom (GB)
Chile (CL)	Iraq (IQ)	Philippines (PH)	United Republic of Tanzania (TZ)
China (CN)	Ireland (IE)	Poland (PL)	United States of America (US)
Colombia (CO)	Israel (IL)	Portugal (PT)	Uruguay (UY)
Congo (CG)	Italy (IT)	Republic of Korea (KR)	Uzbekistan (UZ)
Costa Rica (CR)	Japan (JP)	Republic of Moldova (MD)	Venezuela (VE)
Côte d'Ivoire (CI)	Jordan (JO)	Romania (RO)	Viet Nam (VN)
Croatia (HR)	Kazakhstan (KZ)	Russian Federation (RU)	Yugoslavia (YU)
Cuba (CU)	Kenya (KE)	Rwanda (RW)	Zambia (ZM)
Cyprus (CY)	Kyrgyzstan (KG)	Saint Kitts and Nevis (KN)	Zimbabwe (ZW)
Czech Republic (CZ)	Laos (LA)* (from 8 October 1998)	Saint Lucia (LC)	
Democratic People's Republic of Korea (KP)	Latvia (LV)	Saint Vincent and the Grenadines (VC)	
Democratic Republic of the Congo (CD)	Lebanon (LB)	Sao Tome and Principe (ST)*	
	Lesotho (LS)		(Total: 150 States)

\* New since last publication of list in *PCT Newsletter* No. 08/1997

**PRACTICAL ADVICE****Furnishing of certified copies of earlier filed international applications as priority documents**

**Q:** On 10 July 1998, I filed an international application, claiming priority from an earlier international application filed on 17 July 1997. Am I required to furnish a certified

copy of the 1997 international application, and if so, can I request the International Bureau to prepare that certified copy?

**A:** Under amended PCT Rule 17.1(a) as in force from 1 July 1998, a certified copy of any earlier application, the priority of which is claimed, (the priority document) is required, regardless of whether the earlier

application is a national, regional or international application. (That Rule as in force prior to 1 July 1998 did not make reference to cases where the priority of an earlier **international** application was claimed.)

In your case, the priority document can be obtained only from the receiving Office with which the earlier (1997) international application was filed (see PCT Rule 20.9). It cannot be prepared by the International Bureau, unless, of course, the earlier application was filed with the International Bureau acting as receiving Office. If the earlier international application was filed with the receiving Office with which you filed your subsequent international application, you may, instead of submitting the priority document, request, no later than 16 months after the priority date, that receiving Office to prepare and transmit the priority document to the International Bureau (see PCT Rule 17.1(b)). (Note that you could have done this on filing the subsequent international application by marking the corresponding check-box in Box No. VI of the request form).

Any priority document, whether it is a certified copy of a national, regional or

international application, should be submitted by the applicant to the International Bureau or the receiving Office not later than 16 months after the priority date. Under amended PCT Rule 17.1(a), however, if the priority document is received by the International Bureau after the expiration of 16 months from the priority date, it will be considered to have been received on the last day of that 16-month time limit if it reaches the International Bureau before the date of international publication of the international application. If any priority document is not furnished to the International Bureau before the date of international publication, and if the applicant did not request the receiving Office to prepare and transmit the priority document to the International Bureau before the expiration of 16 months from the priority date, any designated State may disregard the priority claim. However, an additional safeguard has been introduced in amended PCT Rule 17.1(c) which provides that "no designated Office shall disregard the priority claim before giving the applicant an opportunity to furnish the priority document within a time limit which shall be reasonable under the circumstances."

<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>10–12 (a.m.) August 1998 Washington, D.C. (US)</b>	English	PCT seminar for patent attorneys "Basic Patent Cooperation Treaty Practice" WIPO speakers: Mr. Matthes and Mr. Maassel	Patent Resources Group, Inc. Tel: (1-804) 296 39 00 Fax: (1-804) 296 39 99
<b>11 August 1998 Montevideo (Uruguay)</b>	Spanish	WIPO national seminar on the PCT WIPO speakers: Mr. Roca Campaña and Mr. Toledo Barraza Other speaker: Mr. Gómez Maqueo (Gómez Maqueo y Asociados, Mexico)	National Directorate of Industrial Property (Lic. Rosario Moreira) Tel: (598-2) 903 09 23 Fax: (598-2) 903 11 40 E-mail: d.n.p.i.@mcimail.com or dnpiuy@adinet.com.uy
<b>12 (p.m.) –14 August 1998 Washington, D.C. (US)</b>	English	PCT seminar for patent attorneys "Advanced Patent Cooperation Treaty Practice" WIPO speakers: Mr. Matthes and Mr. Maassel	Patent Resources Group, Inc. Tel: (1-804) 296 39 00 Fax: (1-804) 296 39 99
<b>13–14 August 1998 La Paz (Bolivia) (originally scheduled for 16–17 June 1998)</b>	Spanish	WIPO national seminar on the PCT WIPO speakers: Mr. Graça Aranha and Mr. Toledo Barraza Other speaker: Mr. Gómez Maqueo (Gómez Maqueo y Asociados, Mexico)	National Industrial Property Office (Mrs. Keiko Shimojyo Osaki) Tel: (591-2) 37 20 46 Fax: (591-2) 37 20 47
<b>24–25 August 1998 Milwaukee (US)</b>	English	Intermediate PCT seminar for patent attorneys WIPO speakers: Mr. Bryan and Mr. Maassel United States Patent & Trademark Office speakers: Mr. Bell and Ms. Bidwell	American Intellectual Property Law Association (AIPLA) (Ms. Jackie Carbé) Tel: (1-703) 415 03 73 or (1-703) 415 07 80 Fax: (1-703) 415 07 86

[continued on next page]

<b>PCT SEMINAR CALENDAR [continued]</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>27–28 August 1998 Salt Lake City (US)</b>	English	Advanced PCT seminar for patent attorneys WIPO speakers: Mr. Bryan and Mr. Maassel United States Patent & Trademark Office speakers: Mr. Bell and Ms. Bidwell	American Intellectual Property Law Association (AIPPLA) (Ms. Jackie Carbé) Tel: (1-703) 415 03 73 or (1-703) 415 07 80 Fax: (1-703) 415 07 86
<b>17 September 1998 Berlin (DE)</b>	German	PCT seminar for patent attorneys and patent administrators WIPO speaker: Mr. Matthes	Patentanwälte Effert, Bressel und Kollegen (Dipl. Ing. Burkhard Bressel) Tel: (49-30) 670 00 60 Fax: (49-30) 670 00 670
<b>6–7 October 1998 London (GB)</b>	English	Presentation on the PCT as part of a conference on "International Law and Practice" WIPO speaker: Mr. Thomas Other speakers*	Management Forum Ltd Tel: (44-1483) 57 00 99 Fax: (44-1483) 53 64 24 E-mail: management_forum@psilink.co.uk
*Mr. Numann (Ministry of Justice, The Hague), Mr. Tootal (Herbert Smith), Mr. Sapelnikov (Kvashnin, Sapelnikov & Partners), Mr. Leardini (European Commission), Mr. Cohen (Taylor, Joynson, Garrett), Mr. Hartnack and Mr. Thorpe (The Patent Office), Dr. McDonnell and Mr. Hulbert (McDonnell Boehnen Hulbert & Berghoff), Dr. Galligani (European Patent Office)			
<b>13–14 October 1998 Munich (DE)</b>	German	Basic PCT seminar for patent administrators WIPO speakers: Mr. Wolff and Mrs. Coeckelbergs	Forum Institut für Management GmbH Tel: (49-6221) 500 500 Fax: (49-6221) 500 505 E-mail: Management@Forum-Institut.de
<b>14–16 October 1998 Palm Springs, California (US)</b>	English	PCT seminar for patent attorneys "Basic Patent Cooperation Treaty Practice" WIPO speakers: Mr. Bartels and Mr. Maassel Other speaker: Mr. Reed (The Procter & Gamble Company)	Patent Resources Group, Inc. Tel: (1-804) 296 39 00 Fax: (1-804) 296 39 99
<b>19–21 October 1998 Palm Springs, California (US)</b>	English	PCT seminar for patent attorneys "Advanced Patent Cooperation Treaty Practice" WIPO speakers: Mr. Bartels and Mr. Maassel Other speaker: Mr. Reed (The Procter & Gamble Company)	Patent Resources Group, Inc. Tel: (1-804) 296 39 00 Fax: (1-804) 296 39 99
<b>20–22 October 1998 Beijing (CN)</b>	Chinese/ English	National Training Seminar on the Patent Cooperation Treaty	WIPO and the China State Intellectual Property Office (Mr. Hu Yuzhang, International Cooperation Department) Tel: (86-10) 62 09 32 88 Fax: (86-10) 62 01 96 15
<b>22–23 October 1998 San Francisco (US)</b>	English	Advanced PCT seminar for patent administrators	Intellectual Property International (Ms. Virginia H. Meyer) Tel: (1-415) 289 74 71 Fax: (1-415) 331 60 68 E-mail: VHMeyerEsq@aol.com
<b>26–27 October 1998 Chicago (US)</b>	English	Advanced PCT seminar for patent administrators	John Marshall Law School (Mr. Gary T. Watson) Tel: (1-312) 987 14 20 Fax: (1-312) 427 71 28 E-mail: 6cangian@jmls.edu
<b>2 December 1998 Paris (FR)</b>	French	Basic 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 or (Mr. Jean-Pierre Cardon) Tel: (33) 1 53 04 52 70 Fax: (33) 1 42 93 63 52

TYPES OF PROTECTION AVAILABLE VIA THE PCT IN PCT CONTRACTING STATES								
State	National patent	ARIPO patent (AP)	Eurasian patent (EA)	European patent (EP)	OAPI patent (OA)	Utility model instead of national patent	Utility model in addition to national patent	Other
AL	X					X		Extension of EP patent
AM	X		X			X		Provisional patent
AT	X			X		X	X	Patent of addition
AU	X							Patent of addition, petty patent
AZ	X		X					
BA	X							Patent of addition
BB	X							
BE				X				
BG	X					X		
BR	X					X		Certificate of addition
BY	X		X			X		
CA	X							
CH + LI	X			X				
CN	X					X		
CU	X							Patent of addition, inventor's certificate, inventor's certificate of addition
CY				X				
CZ	X					X	X	
DE	X			X		X	X	Patent of addition
DK	X			X		X	X	
EE	X					X	X	
ES	X			X		X		Patent of addition
FI	X			X		X	X	
FR				X				
GB	X			X				
GD <sup>2,3</sup>	X							
GE	X					X		Patent of addition
GH	X	X				X		
GM <sup>3</sup>	X	X						
GR				X				
HR	X							Patent of addition
HU	X					X		
ID	X							
IE				X				
IL	X							Patent of addition
IS	X							
IT				X				
JP	X					X		
KE	X	X				X		
KG	X		X			X		Provisional patent
KP	X							Inventor's certificate
KR	X					X		
KZ	X		X			X		Provisional patent
LC	X							
LK	X							
LR	X							

[continued over page]

TYPES OF PROTECTION AVAILABLE VIA THE PCT IN PCT CONTRACTING STATES [continued]								
State	National patent	ARIPO patent (AP)	Eurasian patent (EA)	European patent (EP)	OAPI patent (OA)	Utility model instead of patent	Utility model in addition to patent	Other
LS	X	X				X		
LT	X							Extension of EP patent <sup>1</sup>
LU	X			X				
LV	X							Extension of EP patent <sup>1</sup>
MC				X				
MD	X		X			X		
MG	X							Certificate of addition
MK	X							Patent of addition, extension of EP patent <sup>1</sup>
MN	X							
MW	X	X						Patent of addition
MX	X					X		
NL				X				
NO	X							
NZ	X							Patent of addition
PL	X					X		
PT	X			X		X		
RO	X							Extension of EP patent <sup>1</sup>
RU	X		X			X		
SD	X	X						
SE	X			X				
SG	X							
SI	X							Patent of addition Extension of EP patent <sup>1</sup>
SK	X					X	X	
SL <sup>3</sup>	X							
SZ		X						
TJ	X		X			X		
TM	X		X					Provisional patent
TR	X					X		Patent of addition
TT	X							Utility certificate
UA	X					X		
UG	X	X						Utility certificate
US	X							
UZ	X					X		Provisional patent
VN	X					X		
YU	X							Patent of addition, petty patent
ZW	X	X						Patent of addition
OAPI States <sup>4</sup>					X	X (OAPI utility model)		OAPI certificate of addition

<sup>1</sup> A request for such an extension may be made at the time of entry into the regional phase before the European Patent Office, provided that the PCT application contained designations both for a European patent and of the State concerned. Such a request may not be made in the PCT request form itself. See the notes to the request form and the *PCT Applicant's Guide*, Vol. I/A, paragraphs 41 and 89 (of the July 1998 version of the *Guide*), and Vol. II/A, National Chapter (EP) for further details as to the procedure to be followed.

<sup>2</sup> Will become bound by the PCT on 22 September 1998.

<sup>3</sup> Information regarding any other type of protection is not yet available.

<sup>4</sup> BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG.

**MOST FREQUENT PCT USERS**  
(20 or more international applications published in 1997)

Rank	Applicant	No. published in 1997
1.	Siemens Aktiengesellschaft (DE)	841
2.	Philips (NL)	760
3.	The Procter & Gamble Company (US)	684
4.	Minnesota Mining and Manufacturing Company (US)	525
5.	BASF Aktiengesellschaft (DE)	431
6.	Robert Bosch GmbH (DE)	412
7.	Motorola Inc. (US)	366
8.	Telefonaktiebolaget LM Ericsson (SE)	342
9.	E.I. Du Pont de Nemours and Company (US)	314
10.	Matsushita Electric Industrial Co., Ltd. (JP)	236
11.	Novartis AG (CH)	218
12.	Bayer Aktiengesellschaft (DE)	216
13.	Hitachi, Ltd. (JP)	204
14.	The Regents of the University of California (US)	203
15.	Henkel Kommanditgesellschaft auf Aktien (DE)	200
16.	Advanced Micro Devices, Inc. (US)	198
17.	Merck & Co., Inc. (US)	190
18.	Unilever (GB and/or NL)	169
19.	The Whitaker Corporation (US)	163
20.	Ericsson Inc. (US)	161
21.	Novo Nordisk A/S (DK)	157
22.	Kimberly-Clark Worldwide, Inc. (US)	147
23.	Nokia Telecommunications Oy (FI)	143
24.	Eli Lilly and Company (US)	142
25.	SmithKline Beecham Corporation (US)	141
26.	SmithKline Beecham plc (GB)	140
27.	Alliedsignal Inc. (US)	139
	Intel Corporation (US)	139
29.	The Dow Chemical Company (US)	135
30.	Zeneca Limited (GB)	129
31.	Komatsu Ltd. (JP)	126
32.	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (DE)	114
33.	British Telecommunications Public Limited Company (GB)	113
34.	Exxon Chemical Patents Inc. (US)	112
	Medtronic, Inc. (US)	112
36.	Abbott Laboratories (US)	111
37.	ITT Automotive Europe GmbH (DE)	108
38.	DSM N.V. (NL)	104
39.	Sony Corporation (JP)	102
40.	Seiko Epson Corporation (JP)	100
	Shell Internationale Research Maatschappij B.V. (NL)	100
42.	MCI Communications Corporation (US)	99
43.	International Business Machines Corporation (US)	93
	Rhône-Poulenc Chimie (FR)	93
45.	Eastman Chemical Company (US)	91
	L'Oréal (FR)	91
47.	Akzo Nobel N.V. (NL)	90
48.	Tetra Laval Holdings & Finance S.A. (CH)	88
49.	Henkel Corporation (US)	86
50.	Northern Telecom Limited (CA)	83
51.	Asea Brown Boveri AB (SE)	79
52.	Warner-Lambert Company (US)	78
53.	Kao Corporation (JP)	75
	Massachusetts Institute of Technology (US)	75
55.	Fanuc Ltd. (JP)	71

*[continued on next page]*



*[Most frequent PCT users, continued]*

<b>Rank</b>	<b>Applicant</b>	<b>No. published in 1997</b>
56.	Boehringer Mannheim GmbH (DE)	70
	ITT Manufacturing Enterprises, Inc. (US)	70
58.	Corning Incorporated (US)	69
59.	Asahi Kasei Kogyo Kabushiki Kaisha (JP)	68
	Qualcomm Incorporated (US)	68
61.	Bell Communications Research, Inc. (US)	67
	Colgate-Palmolive Company (US)	67
	FMC Corporation (US)	67
64.	Westinghouse Electric Corporation (US)	66
65.	Sarnoff Corporation (US)	65
66.	Hoechst Celanese Corporation (US)	61
	Mannesmann AG (DE)	61
68.	Commonwealth Scientific and Industrial Research Organisation (AU)	59
	Daikin Industries, Ltd. (JP)	59
70.	Astra Aktiebolag (SE)	57
	Schering Aktiengesellschaft (DE)	57
	The Board of Regents of the University of Texas System (US)	57
73.	Imperial Chemical Industries plc (GB)	56
	Pfizer Inc. (US)	56
	PPG Industries, Inc. (US)	56
76.	Glaxo Group Limited (GB)	55
	W.L. Gore & Associates Inc. (US)	55
78.	W.R. Grace & Co. - Conn. (US)	54
	ZF Friedrichshafen AG (DE)	54
80.	AB Volvo (SE)	53
	Mobil Oil Corporation (US)	53
	Riverwood International Corporation (US)	53
	Toyota Jidosha Kabushiki Kaisha (JP)	53
84.	Human Genome Sciences Inc. (US)	51
85.	Hoechst Aktiengesellschaft (DE)	50
86.	Kabushiki Kaisha Toshiba (JP)	49
	The Secretary of State for Defence (GB)	49
88.	BASF Lacke + Farben AG (DE)	48
89.	Takeda Chemical Industries, Ltd. (JP)	47
	The General Hospital Corporation (US)	47
91.	Bristol-Myers Squibb Company (US)	46
	Centre National de la Recherche Scientifique (FR)	46
	Chiron Corporation (US)	46
	Exxon Research and Engineering Company (US)	46
	Forschungszentrum Jülich GmbH (DE)	46
	Nippon Steel Corporation (JP)	46
	Nokia Mobile Phones Ltd. (FI)	46
	Toray Industries, Inc. (JP)	46
99.	Ford Motor Company (US)	45
	Monsanto Company (US)	45
	President and Fellows of Harvard College (US)	45
102.	Chisso Corporation (JP)	43
	Daimler-Benz Aktiengesellschaft (DE)	43
	The Trustees of Columbia University in the City of New York (US)	43
105.	Fujitsu Limited (JP)	42
	Micron Technology, Inc. (US)	42
	Raychem Limited (GB)	42
108.	INA Wälzlager Schaeffler KG (DE)	41
	Polaroid Corporation (US)	41
	Rhône-Poulenc Rorer S.A. (FR)	41

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*[Most frequent PCT users, continued]*

<b>Rank</b>	<b>Applicant</b>	<b>No. published in 1997</b>
	The Government of the United States of America, represented by The Secretary, Department of Health and Human Services (US)	41
112.	Ciba Specialty Chemicals Holding Inc. (CH)	40
	Lucas Industries Public Limited Company (GB)	40
	Thomson Consumer Electronics, Inc. (US)	40
115.	Baxter International Inc. (US)	39
	Commissariat à l'Énergie Atomique (FR)	39
	Fujisawa Pharmaceutical Co., Ltd. (JP)	39
	Quantum Corporation (US)	39
119.	Citizen Watch Co., Ltd. (JP)	38
	G.D. Searle & Co. (US)	38
	Honeywell Inc. (US)	38
	Kaneka Corporation (JP)	38
	Schering Corporation (US)	38
	The Board of Trustees of the Leland Stanford Junior University (US)	38
	Valmet Corporation (FI)	38
126.	British Nuclear Fuels plc (GB)	37
	Danfoss A/S (DK)	37
	General Electric Company (US)	37
	Janssen Pharmaceutica N.V. (BE)	37
130.	AT & T Corp. (US)	36
	California Institute of Technology (US)	36
	Casio Computer Co., Ltd. (JP)	36
	F. Hoffmann-La Roche AG (CH)	36
	Nippon Zeon Co., Ltd. (JP)	36
	Northrop Grumman Corporation (US)	36
	Pharmacia & Upjohn S.p.A. (IT)	36
137.	Genentech, Inc. (US)	35
138.	Avery Dennison Corporation (US)	34
	S.C. Johnson & Son, Inc. (US)	34
	Thomson-CSF (FR)	34
141.	Abb Research Ltd. (CH)	33
	Advantest Corporation (JP)	33
	British Technology Group Limited (GB)	33
	Elf Atochem S.A. (FR)	33
	Owens Corning (US)	33
	Sandvik AB (publ) (SE)	33
	SCA Mölnlycke AB (SE)	33
	Vöest-Alpine Industrieanlagenbau GmbH (AT)	33
149.	Beloit Technologies, Inc. (US)	32
	Imation Corp. (US)	32
	Pharmacia & Upjohn Company (US)	32
	The Scripps Research Institute (US)	32
	Union Carbide Chemicals & Plastics Technology Corporation (US)	32
154.	Albemarle Corporation (US)	31
	Idemitsu Kosan Co., Ltd. (JP)	31
	Mitsubishi Chemical Corporation (JP)	31
	Siemens Nixdorf Informationssysteme AG (DE)	31
	The Trustees of the University of Pennsylvania (US)	31
	Yeda Research and Development Co. Ltd. (IL)	31
160.	Alcon Laboratories, Inc. (US)	30
	Analog Devices, Inc. (US)	30
	Chiroscience Limited (GB)	30
	Chugai Seiyaku Kabushiki Kaisha (JP)	30
	Filterwerk Mann + Hummel GmbH (DE)	30

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*[Most frequent PCT users, continued]*

<b>Rank</b>	<b>Applicant</b>	<b>No. published in 1997</b>
	Forschungszentrum Karlsruhe GmbH (DE)	30
	Hoechst Research & Technology Deutschland GmbH & Co. KG (DE)	30
	Shionogi & Co., Ltd. (JP)	30
	The Johns-Hopkins University (US)	30
169.	Arco Chemical Technology, L.P. (US)	29
	Baker Hughes Incorporated (US)	29
	HE Holdings, Inc., doing business as Hughes Electronics (US)	29
	Koenig & Bauer-Albert AG (DE)	29
	Kyowa Hakko Kogyo Co., Ltd. (JP)	29
	Medical Research Council (GB)	29
	Nissan Chemical Industries, Ltd. (JP)	29
	Renault (FR)	29
	Seagate Technology, Inc. (US)	29
	The Regents of the University of Minnesota (US)	29
179.	Allergan (US)	28
	Braun Aktiengesellschaft (DE)	28
	Engelhard Corporation (US)	28
	Gist-Brocades B.V. (NL)	28
	Lam Research Corporation (US)	28
	Merck Patent GmbH (DE)	28
	Motorola Limited (GB)	28
	Sextant Avionique (FR)	28
	Société des Produits Nestlé S.A. (CH)	28
	The Goodyear Tire & Rubber Company (US)	28
	The Regents of the University of Michigan (US)	28
	University of British Columbia (CA)	28
	Yalestown Corporation N.V. (NL)	28
	Yissum Research Development Company of the Hebrew University of Jerusalem (IL)	28
193.	Aktiebolaget Electrolux (SE)	27
	Cytec Technology Corp. (US)	27
	Hoechst Schering Agrevo GmbH (DE)	27
	Kelsey-Hayes Company (US)	27
	Merck Sharp & Dohme Limited (GB)	27
	Raychem Corporation (US)	27
	Samsung Electronics Co., Ltd. (KR)	27
	Toyo Kohan Co., Ltd. (JP)	27
	University of Washington (US)	27
202.	Cornell Research Foundation, Inc. (US)	26
	Daewoo Electronics Co., Ltd. (KR)	26
	Genetics Institute, Inc. (US)	26
	Hewlett-Packard Company (US)	26
	Norsk Hydro A/S (NO)	26
	Salomon S.A. (FR)	26
	Sensormatic Electronics Corporation (US)	26
	Smith & Nephew, Inc. (US)	26
210.	Amgen Inc. (US)	25
	Cabot Corporation (US)	25
	Genencor International, Inc. (US)	25
	Honda Giken Kogyo Kabushiki Kaisha (JP)	25
	Océ Printing Systems GmbH (DE)	25
	Rittal-Werk Rudolf Loh GmbH & Co. KG (DE)	25
	Roussel Uclaf (FR)	25
	Sumitomo Chemical Company, Limited (JP)	25
	Telia AB (SE)	25
	The Boeing Company (US)	25

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*[Most frequent PCT users, continued]*

Rank	Applicant	No. published in 1997
221.	The Penn State Research Foundation (US)	25
	Deutsches Krebsforschungszentrum Stiftung des öffentlichen Rechts (DE)	24
	Hoechst Marion Roussel, Inc. (US)	24
	Lord Corporation (US)	24
	Pharmacia & Upjohn AB (SE)	24
229.	Sandvik Aktiebolag (SE)	24
	Sanofi (FR)	24
	Sloan-Kettering Institute for Cancer Research (US)	24
	The United States of America, represented by The Secretary of Agriculture (US)	24
	Borealis A/S (DK)	23
	Brigham & Women's Hospital, Inc. (US)	23
	Electronic Data Systems Corporation (US)	23
	Nippon Shokubai Co., Ltd. (JP)	23
	Nippon Soda Co., Ltd. (JP)	23
	Pharmacia Biotech AB (SE)	23
236.	Sanyo Electric Co., Ltd. (JP)	23
	Scientific-Atlanta, Inc. (US)	23
	Taisho Pharmaceutical Co., Ltd. (JP)	23
	The Trustees of Boston University (US)	23
	United Technologies Corporation (US)	23
241.	Yale University (US)	23
	Kawasaki Steel Corporation (JP)	22
	Koninklijke PTT Nederland N.V. (NL)	22
	Ludwig Institute for Cancer Research (US)	22
	Mallinckrodt Medical, Inc. (US)	22
	Otsuka Pharmaceutical Co., Ltd. (JP)	22
	Sega Enterprises, Ltd. (JP)	22
	Sunds Defibrator Industries AB (SE)	22
	The Gillette Company (US)	22
	United Technologies Automotive, Inc. (US)	22
250.	Allied Colloids Limited (GB)	21
	Amoco Corporation (US)	21
	Boehringer Ingelheim International GmbH (DE)	21
	Clariant GmbH (DE)	21
	Duke University (US)	21
	Incyte Pharmaceuticals, Inc. (US)	21
	Institut Français du Pétrole (FR)	21
	Japan Tobacco Inc. (JP)	21
	Korea Research Institute of Chemical Technology (KR)	21
	Leica AG (CH)	21
	Lenzing Aktiengesellschaft (AT)	21
	McDonnell Douglas Corporation (US)	21
	Northwestern University (US)	21
	NTT Mobile Communications Network Inc. (JP)	21
	Sumitomo Electric Industries, Ltd. (JP)	21
268.	Thomas Jefferson University (US)	21
	University of Utah Research Foundation (US)	21
	Wisconsin Alumni Research Foundation (US)	21
	Aluminum Company of America (US)	20
	Cedars-Sinai Medical Center (US)	20
	Emory University (US)	20
	Herberts Gesellschaft mit beschränkter Haftung (DE)	20
	Imperial College of Science Technology and Medicine (GB)	20
	Nellcor Puritan Bennett Incorporated (US)	20
	New Transducers Limited (GB)	20
	Perstorp AB (SE)	20
	Pierre Fabre Médicament (FR)	20
	Purdue Research Foundation (US)	20
	Rhône-Poulenc Agrochimie (FR)	20
	Sumitomo Metal Industries, Ltd. (JP)	20
<b>TOTAL:</b>		<b>18,239</b>

### PCT FEE TABLES

The following Tables show the amounts (including currencies—see the key to currency abbreviations following Table II) 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. A 75% reduction in the basic fee, the supplement per sheet over 30, the designation and confirmation fees and the handling fee, as well as the transmittal fee payable to the International Bureau as receiving Office, is available to applicants from certain States; see footnote 2 for details. Footnotes to all Fee Tables follow Table II.

**Table I(a) — TRANSMITTAL, BASIC AND DESIGNATION FEES**  
(as at 1 August 1998, unless otherwise indicated)

RO	Transmittal fee <sup>1</sup>	Basic fee <sup>1,2</sup> (CHF 650)	Supplement per sheet over 30 <sup>1,2</sup> (CHF 15)	Designation fee <sup>1,2,3</sup> (CHF 150)	Competent ISA(s) <sup>4</sup>
AL	ALL 9,000	CHF 650	15	150	EP
AM	AMD 32,000	USD 455	10	105	EP RU
AP	USD 70 (or equiv in local currency)	USD 455	10	105	AT EP SE
AT	ATS 700	ATS 5,600	130	1,300	EP
AU	AUD 100	AUD 640 (from 15.8.98: 722)	14 (17)	150 (166)	AU
AZ	AZM <sup>5</sup> —	USD 455	10	105	EP RU
BA	DEM 50	DEM 800	19	184	EP
BE	BEF 1,500	BEF 16,500	380	3,800	EP
BG	BGL 60,000	BGL equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP RU
BR	BRR 236	BRR equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	AT EP SE US
BY	BYR equiv of USD 70	USD 455	10	105	EP RU
CA	CAD 200	CAD 632	15	146	EP
CH	CHF 100	CHF 650	15	150	EP
CN	CNY 500	CNY equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	CN
CU	USD (or CUP equiv) 200	USD (or CUP equiv) 455	10	105	AT EP ES RU
CZ	CZK 1,500	CZK equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP
DE	DEM 150	DEM 800	19	184	EP
DK	DKK 1,500	DKK 3,050	70	710	EP SE
EA	RUR equiv of USD 100	USD 455	10	105	EP RU
EE	EEK 1,800	EEK equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP
EP <sup>6</sup>	DEM 200	DEM 800	19	184	EP
ES	ESP 10,040	ESP 68,000	1,600	16,000	EP ES
FI	FIM 800	FIM 2,400	55	550	EP SE
FR	FRF 400	FRF 2,690	60	620	EP
GB	GBP 55	GBP 285	6	65	EP
GE	GEL <sup>5</sup> —	USD 455	10	105	EP RU
GH	GHC <sup>7</sup> 2,500 or 5,000	USD 455	10	105	AT AU CN EP SE
GR	GRD 39,500	GRD 127,000	3,000	30,000	EP
HR	HRK 200	HRK equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP
HU	HUF <sup>8</sup> 10,000	HUF equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP RU
IB	CHF <sup>2</sup> 300 or USD <sup>2</sup> 200	CHF 650 or USD 455	15 10	150 105	See footnote 9
ID	IDR <sup>5</sup> —	IDR equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	AU EP RU
IE	IEP 60	IEP 300	7	70	EP
IL	ILS 399	USD 455	10	105	EP US
IS	ISK 5,500	ISK 32,000	700	7,400	EP SE
IT	ITL 60,000	ITL 783,000	18,000	181,000	EP
JP	JPY 18,000	JPY 55,000	1,300	12,700	EP JP
KE	USD (or KES equiv) 30	USD 455	10	105	AT AU CN EP SE
KG	KGS equiv of USD 60	USD 455	10	105	EP RU
KP	KPW equiv of CHF 50	KPW equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	AT RU

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**Table I(a) — TRANSMITTAL, BASIC AND DESIGNATION FEES [continued]**  
(as at 1 August 1998, unless otherwise indicated)

RO	Transmittal fee <sup>1</sup>	Basic fee <sup>1,2</sup> (CHF 650)	Supplement per sheet over 30 <sup>1,2</sup> (CHF 15)	Designation fee <sup>1,2,3</sup> (CHF 150)	Competent ISA(s) <sup>4</sup>
KR	KRW 45,000	KRW equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	AT AU JP
KZ	KZT <sup>5</sup> —	USD 455	10	105	EP RU
LR	USD 45	USD 455	10	105	AT AU CN EP SE
LS	LSM <sup>5</sup> —	LSM equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	AT EP
LT	LTL equiv of USD 80	USD 455	10	105	EP RU
LU	LUF/BEF 800	LUF/BEF 16,500	380	3,800	EP
LV	LVL 40	USD 455	10	105	EP RU
MC	FRF 300	FRF 2,690	60	620	EP
MD	MDL <sup>5</sup> 180	USD 455	10	105	EP RU
MK	MKD 2,750	MKD equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP
MN	None	CHF 650	15	150	EP RU
MW	MWK 150	MWK 10,000	230	2,310	EP
MX	MXP <sup>2</sup> equiv of USD 200	MXP equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP ES SE US
NL	NLG 110	NLG 900	21	208	EP
NO	NOK 500	NOK 3,300	75	770	EP SE
NZ	NZD 155	NZD 850	20	196	AU EP US
PL	PLZ 240	PLZ equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP
PT	PTE 3,600	PTE 82,000	1,900	19,000	EP
RO	ROL 300,000	CHF 650	15	150	AT EP RU
RU	RUR 294	USD 455	10	105	EP RU
SD	SDP 50	SDP equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP
SE	SEK 1,000	SEK 3,500	80	800	EP SE
SG	SGD 135	SGD 690	16	160	AT AU EP
SI	SIT 22,000	SIT equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP
SK	SKK 1,600	SKK equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	EP
TJ	TJR <sup>5</sup> —	USD 455	10	105	EP RU
TM	USD <sup>5</sup> —	USD 455	10	105	EP RU
TR	CHF 100	CHF 650	15	150	AT AU CN EP RU
TT	TTD 750	USD 455	10	105	AT EP SE US
UA	UAH 255	USD 455	10	105	EP RU
US	USD 240	USD 455	10	105	EP US
UZ	USD <sup>5</sup> —	USD 455	10	105	EP RU
VN	VND equiv of USD 150	VND equiv of CHF 650	equiv of CHF 15	equiv of CHF 150	AT AU EP RU SE
YU	YUD 220	CHF 650	15	150	EP
ZW	ZWD 550	ZWD equiv of USD 455	equiv of USD 10	equiv of USD 105	AT AU CN EP RU

**Table I(b) — SEARCH FEES**  
(as at 1 August 1998, unless otherwise indicated)

ISA	Search fee <sup>1</sup>									
AT	ATS 2,200	CHF 250	SGD 287	USD 180						
AU	AUD 800	CHF 714	NZD 910	SGD 875	USD 488					
CN	CNY 800	CHF 140	USD 100							
EP <sup>10</sup>	DEM 2,200	CYP 671	FRF 7,590	ISK 87,300	MWK 27,000	PTE 227,800				
	ATS 15,710	DKK 8,640	GBP 753	ITL 2,222,000	NLG 2,510	SEK 9,950				
	BEF 46,100	ESP 189,700	GRD 392,900	JPY 167,000	NOK 9,200	SGD 2,100				
	CAD 1,740	FIM 6,770	IEP 846	LUF 46,100	NZD* 2,200	USD 1,250				
	CHF 1,850									
	*(from 15.8.98: NZD 2,460)									
ES	ESP 76,520	CHF 724	USD 494							
JP	JPY 77,000	CHF 810	USD 553							
RU <sup>11</sup>	USD 300	CHF 430								
SE	SEK 6,200 <sup>12</sup>	6,800 <sup>13</sup>	FIM 4,200 <sup>12</sup>	4,600 <sup>13</sup>	USD 815 <sup>12</sup>	895 <sup>13</sup>				
	CHF 1,180 <sup>12</sup>	1,290 <sup>13</sup>	ISK 58,500 <sup>12</sup>	64,000 <sup>13</sup>						
	DKK 5,300 <sup>12</sup>	5,800 <sup>13</sup>	NOK 5,750 <sup>12</sup>	6,300 <sup>13</sup>						
US	USD 700	450 <sup>14</sup>	CHF 1,000	640 <sup>14</sup>	NZD 1,340	862 <sup>14</sup>				

**Table II — PRELIMINARY EXAMINATION FEES**

(as at 1 August 1998, unless otherwise indicated)

<b>IPEA</b>	<b>Preliminary examination fee<sup>15</sup></b>			<b>Handling fee<sup>2,15</sup> (CHF 233)</b>				
<b>AT</b>	<b>ATS</b>	2,200		<b>ATS</b>	2,020			
<b>AU</b>	<b>AUD</b>	450		<b>AUD</b>	230 (from 15.8.98: <b>AUD</b> 260)			
<b>CN</b>	<b>CNY</b>	800		<b>CNY</b> equiv of <b>CHF</b> 233				
<b>EP<sup>10</sup></b>	<b>DEM</b>	3,000	<b>ESP</b> 258,600	<b>ITL</b>	3,030,000	<b>DEM</b> 285	<b>ESP</b> 25,000	<b>ITL</b> 281,000
	<b>ATS</b>	21,430	<b>FIM</b> 9,230	<b>LUF</b>	62,900	<b>ATS</b> 2,020	<b>FIM</b> 860	<b>LUF</b> 5,900
	<b>BEF</b>	62,900	<b>FRF</b> 10,340	<b>NLG</b>	3,430	<b>BEF</b> 5,900	<b>FRF</b> 960	<b>NLG</b> 320
	<b>CHF</b>	2,520	<b>GBP</b> 1,027	<b>PTE</b>	310,600	<b>CHF</b> 233	<b>GBP</b> 100	<b>PTE</b> 29,000
	<b>CYP</b>	915	<b>GRD</b> 535,700	<b>SEK</b>	13,570	<b>CYP</b> 85	<b>GRD</b> 46,000	<b>SEK</b> 1,250
	<b>DKK</b>	11,790	<b>IEP</b> 1,154			<b>DKK</b> 1,000	<b>IEP</b> 110	
<b>JP</b>	<b>JPY</b>	28,000		<b>JPY</b>	19,700			
<b>RU<sup>11</sup></b>	<b>USD</b>	200 <sup>16</sup>	300 <sup>17</sup>	<b>USD</b>	162			
<b>SE</b>	<b>SEK</b>	4,200		<b>SEK</b>	1,250			
<b>US</b>	<b>USD</b>	490	750 <sup>18</sup>	<b>USD</b>	162			

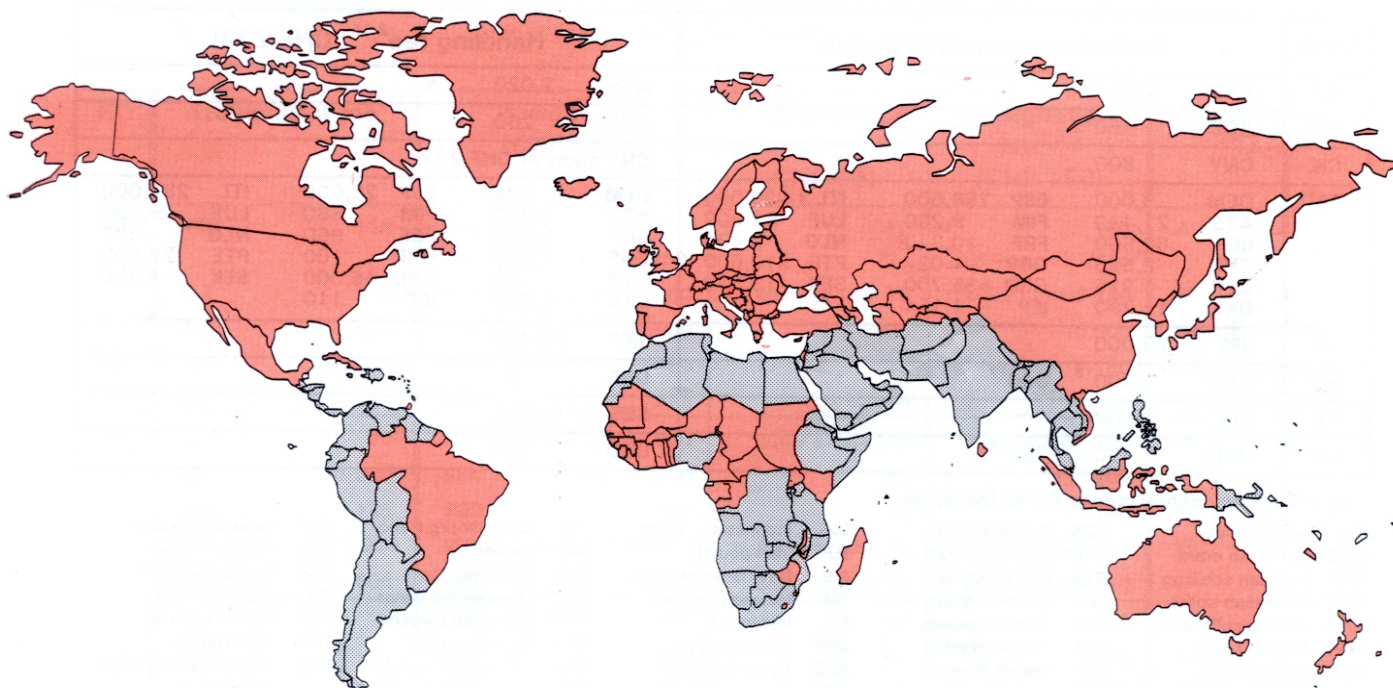
*Key to currency abbreviations for all fee tables:*

ALL Albanian lek	CZK Czech koruna	IDR Indonesian rupiah	LUF Luxembourg franc	SDP Sudanese pound
AMD Armenian dram	DEM Deutsche mark	IEP Irish pound	LVL Latvian lat	SEK Swedish krona
ATS Austrian schilling	DKK Danish krone	ILS New Israel shekel	MDL Moldovan leu	SGD Singapore dollar
AUD Australian dollar	EEK Estonian kroon	ISK Icelandic krona	MKD Macedonian denar	SIT Slovenian tolar
AZM Azerbaijani manat	ESP Spanish peseta	ITL Italian lira	MWK Malawian kwacha	SKK Slovak koruna
BEF Belgian franc	FIM Finnish markka	JPY Japanese yen	MXP Mexican peso	TJR Tajik rouble
BGL Bulgarian lev	FRF French franc	KES Kenyan shilling	NLG Netherlands guilder	TTD Trinidad and Tobago dollar
BRR Brazilian real	GBP Pound sterling	KGS Kyrgyz som	NOK Norwegian krone	UAH Ukrainian hryvnia
BYR Belarussian rouble	GEL Georgian lari	KPW KP won	NZD New Zealand dollar	USD US dollar
CAD Canadian dollar	GHC Ghanaian cedi	KRW KR won	PLZ Polish zloty	VND Vietnamese dong
CHF Swiss franc	GRD Greek drachma	KZT Kazakh tenge	PTE Portuguese escudo	YUD Yugoslavian dinar
CNY Yuan renminbi	HRK Croatian kuna	LSM Lesotho loti	ROL Romanian leu	ZWD Zimbabwe dollar
CUP Cuban convertible peso	HUF Hungarian forint	LTL Lithuanian litas	RUR Russian rouble	
CYP Cypriot pound				

*Footnotes for all fee tables:*

- 1 Payable to the receiving Office in the currency or one of the currencies prescribed by it.
- 2 This fee is 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 Albania, Armenia, Azerbaijan, Belarus, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Central African Republic, Chad, China, Congo, Côte d'Ivoire, Croatia, Cuba, Czech Republic, Democratic People's Republic of Korea, Estonia, Gabon, Gambia, Georgia, Ghana, Grenada (from 22 September 1998), Guinea, Guinea-Bissau, Hungary, Indonesia, Kazakhstan, Kenya, Kyrgyzstan, Latvia, Lesotho, Liberia, Lithuania, Madagascar, Malawi, Mali, Mauritania, Mexico, Mongolia, Niger, Poland, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Slovakia, Sri Lanka, Sudan, Swaziland, Tajikistan, The former Yugoslav Republic of Macedonia, Togo, Turkey, Turkmenistan, Uganda, Ukraine, Uzbekistan, Viet Nam, Yugoslavia or Zimbabwe. For further details, see *PCT Newsletter* No. 10/1995, cover page, No. 11/1995, page 6, and No. 05/1996, cover page.
- 3 The confirmation fee payable under PCT Rules 4.9(c) and 15.5 is 50% of the designation fee.
- 4 For the search fee payable to the receiving Office, consult the entry in Table I(b) for the competent International Searching Authority.
- 5 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.
- 6 The amounts of the transmittal fee in currencies other than DEM are as follows: ATS 1,430, BEF/LUF 4,200, CHF 170, CYP 61, DKK 790, ESP 17,200, FIM 620, FRF 690, GBP 68, GRD 35,700, IEP 77, ITL 202,000, NLG 230, PTE 20,700, SEK 900. The amounts in those currencies of the basic fee, supplement per sheet over 30 and designation fee are the same as those indicated for the receiving Offices of the respective States, that is RO/AT, BE, CH, etc.
- 7 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.
- 8 A supplement of HUF 500 is also payable for each claim in excess of 10.
- 9 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).
- 10 Nationals (natural or legal persons) of States which fulfill the requirements for the corresponding reduction of certain PCT fees as specified in the Schedule of Fees annexed to the PCT Regulations (see also footnote 2) may be eligible for reductions in the search and preliminary examination fees. For details, including the amount of the fee reduction, the countries concerned and applicable conditions, see *PCT Applicant's Guide*, Vol. I/B, Annexes D (EP) and E (EP).
- 11 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.
- 12 If, on an earlier application, the priority of which is claimed, a search report has been issued by the Swedish Patent Office, the Danish Patent Office, the National Board of Patents and Registration (Finland), the Norwegian Patent Office or the Icelandic Patent Office.
- 13 In all cases where footnote 12 does not apply.
- 14 Payable when a corresponding prior US national application has been filed and the basic national fee for that US application has been paid.
- 15 Payable to the International Preliminary Examining Authority in the currency or one of the currencies prescribed by it.
- 16 Payable when the international search report was established by the Russian Patent Office.
- 17 In all cases where footnote 16 does not apply.
- 18 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.)

## PCT CONTRACTING STATES AND TWO-LETTER CODES (97 on 1 August 1998)



AL Albania <sup>1</sup>	CU Cuba	IE Ireland (EP) <sup>2</sup>	MD Republic of Moldova (EA)	SG Singapore
AM Armenia (EA)	CY Cyprus (EP) <sup>2</sup>	IL Israel	MG Madagascar	SI Slovenia <sup>1</sup>
AT Austria (EP)	CZ Czech Republic	IS Iceland	MK The former Yugoslav Republic of Macedonia <sup>1</sup>	SK Slovakia
AU Australia	DE Germany (EP)	IT Italy (EP) <sup>2</sup>	ML Mali (OA) <sup>2</sup>	SL Sierra Leone
AZ Azerbaijan (EA)	DK Denmark (EP)	JP Japan	MN Mongolia	SN Senegal (OA) <sup>2</sup>
BA Bosnia and Herzegovina	EE Estonia	KE Kenya (AP)	MR Mauritania (OA) <sup>2</sup>	SZ Swaziland (AP) <sup>2</sup>
BB Barbados	ES Spain (EP)	KG Kyrgyzstan (EA)	MW Malawi (AP)	TD Chad (OA) <sup>2</sup>
BE Belgium (EP) <sup>2</sup>	FI Finland (EP)	KP Democratic People's Republic of Korea	MX Mexico	TG Togo (OA) <sup>2</sup>
BF Burkina Faso (OA) <sup>2</sup>	FR France (EP) <sup>2</sup>	KR Republic of Korea	NE Niger (OA) <sup>2</sup>	TJ Tajikistan (EA)
BG Bulgaria	GA Gabon (OA) <sup>2</sup>	KZ Kazakhstan (EA)	NL Netherlands (EP) <sup>2</sup>	TM Turkmenistan (EA)
BJ Benin (OA) <sup>2</sup>	GB United Kingdom (EP)	LC Saint Lucia	NO Norway	TR Turkey
BR Brazil	<b>GD Grenada</b> (from 22 September 1998)	LI Liechtenstein (EP)	NZ New Zealand	TT Trinidad and Tobago
BY Belarus (EA)	GE Georgia	LK Sri Lanka	PL Poland	UA Ukraine
CA Canada	GH Ghana (AP)	LR Liberia	PT Portugal (EP)	UG Uganda (AP)
CF Central African Republic (OA) <sup>2</sup>	GM Gambia (AP)	LS Lesotho (AP)	RO Romania <sup>1</sup>	US United States of America
CG Congo (OA) <sup>2</sup>	GN Guinea (OA) <sup>2</sup>	LT Lithuania <sup>1</sup>	RU Russian Federation (EA)	UZ Uzbekistan
CH Switzerland (EP)	GR Greece (EP) <sup>2</sup>	LU Luxembourg (EP)	SD Sudan (AP)	VN Viet Nam
CI Côte d'Ivoire (OA) <sup>2</sup>	GW Guinea-Bissau (OA) <sup>2</sup>	LV Latvia <sup>1</sup>	SE Sweden (EP)	YU Yugoslavia
CM Cameroon (OA) <sup>2</sup>	HR Croatia	MC Monaco (EP) <sup>2</sup>		ZW Zimbabwe (AP)
CN China	HU Hungary			
	ID Indonesia			

<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 States indicated in **bold italics** have adhered to the PCT but were not yet bound by the PCT on the date of issue of the latest version of the request form. If the applicant wishes to designate any States for the purposes of a national patent, which are bound by the PCT on the date on which the international application is filed but which are not listed in the request form, he must add them in Box No. V of the request form and mark the corresponding check-box. Where a State has adhered to but is not yet bound by the PCT, the date on which it will become bound is shown in parentheses; it cannot be designated in international applications filed before that date.

Applicants should always use the latest versions of the request form (PCT/RO/101) and demand form (PCT/IPEA/401), new versions of which are normally issued twice yearly. The latest versions are dated July 1998. The forms are reproduced in Annexes X and Y, respectively, in Vol. I/B of the *PCT Applicant's Guide* (July 1998 update), and can be printed from the WIPO Internet site, in PDF format, at: <http://www.wipo.int/eng/pct/forms/index.htm>. The request form can also be obtained from receiving Offices or the International Bureau. The demand form can also be obtained from receiving Offices, International Preliminary Examining Authorities or the International Bureau.