

PCT NEWSLETTER

www.wipo.int/pct/en

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PCT Filings in 2017

In 2017, the use of the PCT continued to grow, with an estimated 243,500 PCT applications filed¹. This represents a 4.5% increase over 2016.

Applicants based in the United States of America maintained their number one ranking, which they have held since operations began nearly 40 years ago, accounting for nearly a quarter (23.3%) of the 243,500 applications filed under the PCT in 2017. However, for the first time, applicants based in China ranked second, accounting for 20.1% of all PCT filings, followed closely by Japan (19.8%). Almost half of all PCT applications filed in 2017 came from Asia (49.1%), with Europe (24.9%) and North America (24.3%) accounting for a quarter each. The total for each country in the top 10, followed by that country's percentage share of all filings, were as follows:

1. United States of America	56,624	23.3%
2. China	48,882	20.1%
3. Japan	48,208	19.8%
4. Germany	18,982	7.8%
5. Republic of Korea	15,763	6.5%
6. France	8,012	3.3%
7. United Kingdom	5,567	2.3%
8. Switzerland	4,491	1.8%
9. Netherlands	4,431	1.8%
10. Sweden	3,981	1.6%

For information on the number of filings from other countries, as well as a comparison with filings in 2016, see Annex 1 of WIPO Press Release PR/2018/816 at:

http://www.wipo.int/pressroom/en/articles/2018/article_0002.html

Two Chinese telecommunications companies, Huawei Technologies Co. Ltd and ZTE Corporation, were the top filers in 2017, with, respectively, 4,024 and 2,965 applications published in 2017. They were followed by Intel Corporation (US) and Mitsubishi Electric

¹ It is important to note that this total, as well as the filing figures which follow, are provisional, due to the fact that not all PCT applications that were filed with national and regional Offices in 2017 have been received at the International Bureau, and the final figures will only be available later in the year.

Corporation (JP). The top ten applicants are listed below, with the number of PCT applications that were published in their names in 2017:

1. Huawei Technologies Co. Ltd (CN)	4,024
2. ZTE Corporation (CN)	2,965
3. Intel Corporation (US)	2,637
4. Mitsubishi Electric Corporation (JP)	2,521
5. Qualcomm Incorporated (US)	2,163
6. LG Electronics Inc. (KR)	1,945
7. BOE Technology Group Co., Ltd (CN)	1,818
8. Samsung Electronics Co., Ltd (KR)	1,757
9. Sony Corporation (JP)	1,735
10. Telefonaktiebolaget LM Ericsson (Publ) (SE)	1,564

A list of the top 50 PCT applicants has been published in the press release (Annex 2). As far as filings by educational institutions are concerned, the University of California maintained its position held since 1993 as the largest user of the PCT System. While the top 10 is dominated by U.S.-based institutions, the top 20 list consists of 10 U.S. and 10 Asian universities. Information on filings by educational institutions is also available in the press release (Annex 3).

As far as PCT filings by field of technology are concerned, computer technology accounted for the largest share of PCT applications making up 8.6% of the total number of published PCT applications, followed closely by digital communication with 8.2%, and then by electrical machinery, apparatus and energy (6.8%) and medical technology (6.7%). Detailed information regarding the distribution of fields of technology of published applications can be found in the press release (Annex 4).

The publication of the final figures for 2017 filings (in the form of the Yearly Review of the PCT) will be announced in the *PCT Newsletter* later in the year.

Meeting of International Authorities

The 25th session of the Meeting of International Authorities under the PCT was held in Madrid, Spain, from 21 to 23 February 2018. The Summary by the Chair and working documents can be found on the WIPO website at:

http://www.wipo.int/meetings/en/details.jsp?meeting_id=46027

The topics discussed included:

- the results of the meeting of the Quality Subgroup and its recommendations for further work on quality management; for further details, please refer to the Summary by the Chair (Annex II to document PCT/MIA/25/13);

- the scope of a review of the “PCT Roadmap”², endorsed by the PCT Working Group in 2010, that the International Bureau (IB) intended to present to the PCT Working Group in June 2018; the review would consider whether the ongoing work originating from the PCT Roadmap recommendations and other activities remained appropriate to the development of the PCT System and identify areas for further improvement;
- two documents on PCT minimum documentation: a progress report on the PCT Minimum Documentation Task Force led by the European Patent Office (document PCT/MIA/25/4) and a proposal by the Indian Patent Office to add the Indian Traditional Knowledge Digital Library to the PCT minimum documentation (document PCT/MIA/25/9);
- proposals to amend the PCT International Search and Preliminary Examination Guidelines made by the Japan Patent Office with the aim of strengthening the links between the international and national phases of the PCT procedure (document PCT/MIA/25/3);
- a progress report by the IB in relation to the possible introduction of a “netting structure” for PCT fee transactions to reduce exposure of fee income to movements in currency exchange rates, and to reduce cost and efforts for receiving Offices and International Searching Authorities (see document PCT/MIA/25/5);
- ongoing work concerning the number of words in abstracts and front page drawings of international applications to improve the quality and utility of abstracts and minimize the cost of translation wherever possible (document PCT/MIA/25/11);
- the transition from WIPO Standard ST.25 to the XML-based WIPO Standard ST.26 for the presentation of nucleotide and amino acid sequence listings (document PCT/MIA/25/2);
- the preparatory phase of a third pilot on collaborative search and examination between the IP5 Offices, where it was intended that a decision could soon be taken regarding the launch date of the operational phase (document PCT/MIA/25/7); and
- safeguards when an applicant is unable to meet a time limit in the event of unavailability of electronic communications due to outages and cyber-attacks (document PCT/MIA/25/12).

Authorities appreciated the recent developments of the various electronic services offered by the IB for use by applicants, receiving Offices, International Authorities and third parties (document PCT/MIA/25/6). Authorities noted their ongoing use of ePCT services or work that was underway to enable filing of international applications using ePCT, and also acknowledged the importance of greater use of XML for the application body, international search reports, written opinions and related documents, which would bring about greater efficiencies and improve the quality of patent information. Authorities also noted the benefits of work-sharing, with more Offices joining the WIPO Centralized Access to Search and Examination (WIPO CASE) system as providing Offices, in order to make dossier information on patent applications available to other participating Offices (document PCT/MIA/25/8).

² A series of recommendations to improve the functioning of the PCT System

Chinese Excerpts from the PCT Newsletter: New E-mail Notification System

Reference is made to the announcement in *PCT Newsletter* No. 02/2018 that excerpts from the *PCT Newsletter* are now being made available in Chinese at:

<http://www.wipo.int/pct/zh/newslett/index.html>

The excerpts usually contain most information that is published in the English version of the *PCT Newsletter*, apart from the PCT Seminar Calendar, the PCT Fee Tables, the PCT Contracting States and Two-Letter Codes, and certain parts of the “PCT Information Update”.

It is now possible for Chinese-speaking PCT users to subscribe to e-mails that will notify them when the Chinese excerpts from each issue of the *PCT Newsletter* become available. In order to subscribe, simply sign up at the WIPO central subscription page (where you can also select other WIPO e-mail and e-newsletter subscriptions in Chinese) at:

https://www3.wipo.int/newsletters/zh/#pct_newsletter

It is recalled that excerpts are also available in Japanese and Korean, and a similar e-mail notification system for those languages is planned.

PCT Information Update

BG Bulgaria (fees)

The amounts of the following national fees, payable to the Patent Office of the Republic of Bulgaria as designated (or elected) Office, have changed with effect from 12 December 2017:

For patent:

Filing fee:	BGN	40
Publication fee:.....	BGN	70

For utility model:

Filing fee:	BGN	40
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Note that the above-mentioned filing fees are reduced by 50% where the applicant is the inventor, a State educational institution, an academic research organization, a budgetary organization or a small or medium-sized enterprise.

(Updating of *PCT Applicant's Guide*, National Chapter, Summary (BG))

BR Brazil (location and mailing address)

The location and mailing address of the National Institute of Industrial Property (Brazil) has changed, as follows:

Location and mailing address: Rua Mayrink Veiga, 9, 6º andar
Centro, Rio de Janeiro, RJ – CEP 20.090-910
Brazil

(Updating of *PCT Applicant's Guide*, Annex B1 (BR))

CN China (types of electronic carrier for nucleotide and/or amino acid sequence listings in electronic form)

The State Intellectual Property Office of the People's Republic of China, in its capacity as International Searching Authority (ISA), has specified the types of electronic medium that it accepts for the furnishing of nucleotide and/or amino acid sequence listings in electronic form: it accepts CD-ROM or DVD.

(Updating of *PCT Applicant's Guide*, Annex D (CN))

EP European Patent Office (fees)

The European Patent Office has notified the fee for validating a European patent in Cambodia, payable to it as designated (or elected) Office. The amount, payable with effect from 1 March 2018 for international applications filed on or after that date, is EUR 180.

(Updating of *PCT Applicant's Guide*, National Chapter, Summary (EP))

JP Japan (types of electronic carrier for nucleotide and/or amino acid sequence listings in electronic form)

The Japan Patent Office, in its capacity as ISA, has specified the types of electronic medium that it accepts for the furnishing of nucleotide and/or amino acid sequence listings in electronic form: it accepts diskettes or CD-R.

(Updating of *PCT Applicant's Guide*, Annex D (JP))

MA Morocco (institutions with which deposits of microorganisms and other biological material may be made)

On 20 February 2018, the following depositary institution acquired the status of International Depositary Authority (IDA) under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure, with which deposits of microorganisms and other biological material may be made:

Collections Coordonnées Marocaines de Microorganismes (CCMM)
Laboratoire de Microbiologie et Biologie Moléculaire (LMBM)
Centre National pour la Recherche Scientifique et Technique (CNRST)
Angle avenue Allal El Fassi, avenue des FAR, Quartier Hay Ryad
B.P. 8027 Nations Unies
10102 Rabat
Morocco

(Updating of *PCT Applicant's Guide*, Annex L)

RU Russian Federation (types of electronic carrier for nucleotide and/or amino acid sequence listings in electronic form)

The Federal Service for Intellectual Property (Rospatent) (Russian Federation), in its capacity as ISA, has specified the types of electronic medium that it accepts for the furnishing of nucleotide and/or amino acid sequence listings in electronic form: it accepts CD-ROM, CD-R, DVD and DVD-R.

(Updating of *PCT Applicant's Guide*, Annex D (RU))

TR Turkey (criterion applied in respect of requests for restoration of the right of priority)

The Turkish Patent and Trademark Office (Turkpatent) has notified the International Bureau (IB) that, in its capacity as receiving Office, it applies the “due care” criterion instead of the “unintentional” criterion in respect of requests for restoration of the right of priority, with effect from 10 January 2017.

(Updating of *PCT Applicant's Guide*, Annex C (TR))

VN Viet Nam (fees)

There has been a change in the currency and amounts of the fees payable to the National Office of Intellectual Property of Viet Nam as designated (or elected) Office, as follows:

Filing fee:	VND	150,000
Fee for priority claims, per priority:	VND	600,000
Fee for requesting formality and substantive examination:.....	VND	900,000
Additional fee for each sheet in excess of six:.....	VND	40,000
Search fee:	VND	600,000
Fee for publication:	VND	120,000
Additional fee for each drawing in excess of one:	VND	60,000
Additional fee for each sheet in excess of six:	VND	10,000

(Updating of *PCT Applicant's Guide*, National Chapter, Summary (VN))

Search fee and other fees relating to international search (National Institute of Industrial Property (Brazil))

As from 1 April 2018, there will be changes in the equivalent amounts payable in CHF and EUR for an international search carried out by the National Institute of Industrial Property (Brazil), as indicated in Fee Table I(b).

(Updating of *PCT Applicant's Guide*, Annex D (BR))

Fees relating to international preliminary examination (Federal Service for Intellectual Property (Rospatent) (Russian Federation))

The Federal Service for Intellectual Property (Rospatent) (Russian Federation), in its capacity as International Preliminary Examining Authority, has notified the IB of the amount of the late furnishing fee for nucleotide and/or amino acid sequence listings under PCT Rule 13*ter*.2, which is RUB 4,000.

(Updating of *PCT Applicant's Guide*, Annex E (RU))

Changes to the PCT Publication Schedule

Publication of 11 May 2018

Due to the fact that Thursday, 10 May 2018, will be a non-working day at WIPO, the PCT applications (as well as any *Official Notices (PCT Gazette)*) which would normally have been published on that day will be published on Friday, 11 May 2018. The date of completion of technical preparations for that publication will, however, remain unchanged, and any changes which should be taken into account for the purposes of international publication should be received by the International Bureau by midnight (Central European Time (CET)) on Tuesday, 24 April 2018.

New/Updated PCT Resources

PCT Applicant's Guide in Russian

An updated version of the *PCT Applicant's Guide* in Russian, dated 17 August 2017, is now available at:

<http://www.wipo.int/pct/ru/appguide/index.jsp>

PCT Receiving Office Guidelines in Russian

An updated version of the PCT Receiving Office Guidelines in Russian, as in force from 1 July 2017, is now available at:

<http://www.wipo.int/pct/ru/texts/pdf/ro.pdf>

Quality reports

In accordance with the PCT International Search and Preliminary Examination Guidelines, paragraphs 21.26 and 21.27, the International Searching and Preliminary Examining Authorities make annual reports on the quality management systems which they have implemented for their work as International Authorities. The reports for 2017 are now available at:

<http://www.wipo.int/pct/en/quality/authorities.html>

Learn the PCT Video Series: How to File your International Application

The Saudi Patent Office (SPO) has kindly prepared an Arabic-subtitled version of some of the videos of the Learn the PCT video series: "How to File your International Application". It is recalled that this is a series of 29 short videos (approximately 15 minutes each) presented by Matthias Reischle-Park, Deputy Director, PCT Legal Division, WIPO, which provides a basic introduction to important aspects and issues in the international phase and national phase of PCT processing.

The following page contains a link to the subtitled videos on the SPO website:

<https://www.kacst.edu.sa/arb/IndustInnov/SPO/Pages/FileIntApp.aspx>

The original videos (without subtitles) are available at:

<http://www.wipo.int/pct/en/training/index.html>

Practical Advice

Fees payable when filing an international application

Please could you tell me what fees are payable for the filing of an international application, whether the amounts are subject to change, and if so, when?

There are three kinds of fees that are payable to the receiving Office in relation to the filing of an international application:

1. *The transmittal fee:* this fee is payable to the receiving Office with which the international application is filed. The transmittal fee covers the costs in connection with the tasks performed by the receiving Office, such as the receipt and checking of the international application, the transmittal of the record copy to the International Bureau (IB) and providing a copy also to the International Searching Authority (ISA). A few receiving Offices do not charge any transmittal fee. Note also that some receiving Offices that accept electronic filings offer a fee reduction for international applications that are filed electronically, and some Offices offer a fee reduction for filings submitted by small entities.

The transmittal fee should be paid within one month from the date of receipt of the international application by the receiving Office. If there is a change in the amount of the transmittal fee between the date of receipt of the application and the date of payment, the applicant must pay the amount that was applicable on the date on which the application was received. (See PCT Rule 14)

2. *The international filing fee:* the amount of this fee is fixed in Swiss francs by the PCT Contracting States (the PCT Union), and is set out in the Schedule of Fees annexed to the PCT Regulations. Note that there is an additional component of this fee that is payable for each sheet of the international application in excess of 30 sheets, and special provisions apply in respect of international applications containing sequence listings. The international filing fee is payable to the receiving Office (in a currency accepted by it) for the benefit of the IB, and covers the costs incurred by the IB during the performance of various tasks, including the publication of the international application, the issuance on behalf of the ISA of the international preliminary report on patentability (Chapter I of the PCT) (where applicable), and the communication of various notifications to the applicant, the receiving Office, the ISA, the International Preliminary Examining Authority and the designated (or elected) Offices.

Although the amount of the international filing fee has not changed for many years (it has been the same since July 2008), the equivalent amounts payable in other currencies are subject to change (see below). The international filing fee should be paid within one month from the date of receipt of the international application. If there is a change in the amount (or equivalent amount in another currency accepted by the receiving Office) of the international filing fee between the date of receipt of the application and the date of payment, the applicant must pay the amount that was applicable on the date of receipt of the application. (See PCT Rule 15)

3. *The search fee:* the amount of this fee, which is fixed by each ISA, depends on which ISA is competent (or which ISA is chosen by the applicant where more than one ISA is competent). The search fee is payable to the receiving Office for the benefit of the ISA for carrying out the international search, establishing the international search report and the written opinion of the ISA, and for carrying out any other tasks entrusted to it as ISA.

The search fee should be paid within one month from the date of receipt of the international application by the receiving Office. If there is a change in the amount (or equivalent amount

established in another currency accepted by the receiving Office) of the search fee between the date of receipt of the international application and the date of payment, the applicant must pay the amount that was applicable on the date of receipt of the application. (See PCT Rule 16)

Changes in amounts payable, or in equivalent amounts in other currencies

The amount of the transmittal fee is fixed by the receiving Office, usually in the local currency of the country in which the Office is located, and may change at any time according to the practices of the Office concerned. The Office will announce any changes in the amounts in advance. Generally, the international filing fee and the search fee are also payable in the local currency of the country in which the receiving Office is located. If that currency is not the same as the currency in which those fees are fixed, the amounts payable in the local currency are subject to changes due to fluctuations in the exchange rates between those two currencies.

The establishment of equivalent amounts is governed by the “Directives of the PCT Assembly Relating to the Establishment of Equivalent Amounts of Certain Fees” (as in force since July 2010), and are reviewed periodically. In the month of October of each year, the Director General of WIPO, after consultation with the Offices concerned, establishes new equivalent amounts of the international filing fee and the search fee (as well as the supplementary search fee and handling fee, where applicable) according to the exchange rates prevailing on the first Monday in the month of October, and any adjustment generally enters into force on 1 January of the following year.

In addition, where, for more than four consecutive Fridays, the exchange rate between the Swiss franc (in the case of the international filing fee) or the fixed currency (in the case of the search fee), and any applicable prescribed currency is at least 5% higher, or at least 5% lower than the last exchange rate applied, the Director General of WIPO, after consultation with the Offices concerned, will establish new equivalent amounts of those fees according to the applicable exchange rate prevailing on the first Monday following those four Fridays. The newly-established amount will generally be applicable two months after the date of its publication in the *Official Notices (PCT Gazette)*.

Where to find the amounts of the fees payable when filing an international application

The amounts of the transmittal fee, the international filing fee and the search fee can be found in the PCT Fee Tables at:

<http://www.wipo.int/pct/en/fees.pdf>

The applicable amounts of the transmittal fee and the international filing fee can also be found in Annex C of the *PCT Applicant's Guide*, and the applicable amount of the search fee can be found in Annex D.

Note that, when filing an international application electronically, for example using ePCT-Filing or PCT-SAFE, the amounts of the fees payable will be calculated automatically where possible (for example, where the fee is a fixed amount, the currency of payment is not an equivalent of an amount in Swiss francs, or the conditions for a fee reduction are easily applicable), once you have entered all the relevant information. Please note that the fees calculated by the electronic filing software, whilst usually correct, are still subject to confirmation by the receiving Office. If you are filing on paper, you will need to complete the Fee Calculation Sheet annexed to the request form. The Notes to the fee calculation sheet will help you with this.

Availability of fee reductions

If you file an international application in electronic form with a receiving Office which is prepared to accept the filing of international applications in electronic form³, the PCT Schedule of Fees (annexed to the PCT Regulations) prescribes the following reductions in the total amount of the international filing fee, depending on the electronic formats used:

- 100 Swiss francs (or equivalent amount in the currency in which the international filing fee is paid to the receiving Office) where the request and the text of the description, claims and abstract are not in character coded format (see item 4(a));
- 200 Swiss francs (or equivalent) where the request is in character coded format and the text of the description, claims and abstract is not in character coded format (see item 4(b)); or
- 300 Swiss francs (or equivalent) where the request and the text of the description, claims and abstract are in character coded format (see item 4(c)).

Applicants who are nationals and residents of certain lower income States, and, under certain circumstances meet other conditions, may be entitled to a reduction in the international filing fee (as well as the supplementary search handling fee and the handling fee), provided that, where there is more than one applicant, all the applicants meet the necessary criteria. Furthermore, for applicants who meet those criteria and who file their international application with the IB as receiving Office, the transmittal fee is waived. To see which States are concerned, and for further information, see the table at:

http://www.wipo.int/pct/en/fees/fee_reduction_july.pdf

As far as the search fee is concerned, in the case of some ISAs, reductions are available in certain situations, such as:

- for applicants from certain States;
- for filings by an individual, or by small- or micro entities; or
- where the international application is filed in a particular language.

For information on the various reductions in the search fee that are applicable for certain ISAs, see Annex D of the *PCT Applicant's Guide*.

Modes of payment of fees

When filing using ePCT-Filing or the PCT-SAFE software, the payment methods that can be selected for paying fees vary depending on the receiving Office selected on the relevant screen. For further details, see the information published on the PCT eServices Support page at:

<https://pct.eservices.wipo.int/direct.aspx?>
(select “ePCT Filing” then “PCT fees and payment”)

For other filings, information on the modes of payment of fees to the RO can be found on the Fee Calculation Sheet and in the Notes to the fee calculation sheet, or you can contact your receiving Office. For information on payment of fees to the IB as receiving Office, please see:

<http://www.wipo.int/pct/en/filing/modes.html>

³ In compliance with Part 7 and Annex F of the Administrative Instructions or the basic common standard.

It is important to note that other fees not mentioned above may also be payable during the international phase under certain circumstances. For further information, please refer to the relevant parts of Annexes B (IB), C, D, SISA and E of the *PCT Applicant's Guide* and Section 113 of the Administrative Instructions under the PCT.

We would like to take this opportunity to remind you that some PCT applicants and agents are receiving invitations to pay fees that do not come from the International Bureau of WIPO and are unrelated to the processing of international applications under the PCT. Whatever registration services might be offered in such invitations, they bear no connection to WIPO or to any of its official publications. As stated above, it is the IB alone which publishes all PCT applications, and the international filing fee covers the cost of that publication; no further fees are required for this service. For further information, see:

http://www.wipo.int/pct/en/warning/pct_warning.html

PCT Seminar Calendar

(<http://www.wipo.int/pct/en/seminar/seminar.pdf>)
(situation on 20 March 2018)

Dates and location	Language of seminar	Nature of seminar; WIPO speakers (and others where known)	Organizer and contact numbers
21 March 2018 Delhi (IN)	English	PCT Roving Seminar WIPO speakers: Mr. Waring and Ms. Aeri	Associated Chambers of Commerce and Industry of India (ASSOCHAM) (Mr. Mohd Nahid Alam) E-mail: nahid.alam@assochem.com
22 March 2018 The Hague (Rijswijk) (NL)	English	PCT presentation in the framework of the annual conference of Platform Formalities Officers WIPO speaker: Mr. Reischle-Park	Platform Formalities Officers (Ms. Custers-van-Spronsen) E-mail: secretariaat@formalitiesofficers.nl
22-23 March 2018 Helsinki (FI)	Finnish	Seminar on the PCT for patent administrators, including practical training on PCT electronic filing, and other PCT electronic services WIPO speaker: Ms. Metcalfe	Aalto University Executive Education Ltd. (Ms. Lisbeth Edlund) Tel : (358-50) 351 9058 E-mail: lisbeth.edlund@aaltoee.fi Internet: www.aalto.fi/patenttiassistentti
27 March 2018 Ljubljana (SI)	English/ Slovenian	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Henninger Other WIPO speakers on other IP topics: Mr. Vazquez Lopez, Ms. Badoud, Ms. Ammann	WIPO and the Slovenian Intellectual Property Office (Ms. Petra Boškin) E-mail: Petra.Boskin@uil-sipo.si
28 March 2018 Ecully (FR)	French	PCT seminar WIPO speaker: Ms. Bonvallet	Centre Paul Roubier (Ms. Florence Bouvier) Tel: (33-4) 78 33 07 08 Fax: (33-4) 78 33 58 96 E-mail : info@paulroubier.com and BOUVIER@em-lyon.com
9-10 April 2018 Dallas, TX (US)	English	Comprehensive PCT Seminar WIPO speaker: Ms. Bonvallet Other speakers: Mr. Neas (United States Patent and Trademark Office), Ms. Shimabuku (USPTO - Texas Regional Office)	PCT Learning Center (Ms. Frimmel Smith) Tel: (1-571) 212 38 68 Fax: (1-703) 636 89 74 E-mail: contact@pctlearningcenter.org Internet: pctlearningcenter.org
10 April 2018 Brescia (IT)	English and Italian	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Weiss Other WIPO speakers on other IP topics: Ms. Grazioli, Mr. Mazenc	WIPO and the Italian Patent and Trademark Office (Ms. Simona Marzetti) E-mail: simona.marzetti@mise.gov.it
11 April 2018 Minneapolis, MN (US)	English	Advanced PCT Seminar for Patent Practitioners Speaker on behalf of WIPO: Mr. Oppedahl	Schwegman, Lundberg & Woessner For pre-registration, contact: Ms. Tara McMillen Tel: (1-612) 371 21 42 E-mail: TMcMillen@slwip.com
11-12 April 2018 Austin, TX (US)	English	Comprehensive PCT Seminar WIPO speaker: Ms. Bonvallet Other speaker: Mr. Neas (United States Patent and Trademark Office)	PCT Learning Center (Ms. Frimmel Smith) Tel: (1-571) 212 38 68 Fax: (1-703) 636 89 74 E-mail: contact@pctlearningcenter.org Internet: pctlearningcenter.org
18-19 April 2018 Oslo (NO)	English	Seminar on the PCT WIPO speakers: Mr. Reischle-Park and Ms. Weiss	Norwegian Association of Intellectual Property Administrators (NAIPA) (Ms. Gunn-Tove Bjerke-Selmer) Tel : (47) 21 00 90 00 E-mail: mail@oslopatent.no Internet: www.oslopatent.no

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PCT Seminar Calendar [continued]			
Dates and location	Language of seminar	Nature of seminar; WIPO speakers (and others where known)	Organizer and contact numbers
18-20 April 2018 New Orleans, LA (US)	English	PCT course: "Comprehensive PCT Practice" Speaker on behalf of WIPO: Mr. Oppedahl	Patent Resources Group, Inc. (Ms. Theresa Woods) Tel: (1-703) 682 48 60 Fax: (1-703) 892 45 10 E-mail: twoods@patentresources.com Internet: http://www.patentresources.com
24-26 April 2018 Setif (DZ)	French	WIPO National Workshop on the Patent Cooperation Treaty (PCT) WIPO speaker: Mr. Jazairy	Algerian National Institute for Industrial Property (INAPI) (Ms. Amira Rhouati) E-mail: amirarhouati@gmail.com
26 April 2018 Newcastle (GB)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Richardson Other WIPO speakers on other IP topics: Mr. Bisson, Mr. Vazquez Lopez, Ms. Badoud, Mr. Halfpenny	WIPO and the Intellectual Property Office (United Kingdom) (Mr. Nick Smith) E-mail: Nick.Smith@ipo.gov.uk
30 April 2018 London (GB)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Richardson Other WIPO speakers on other IP topics: Mr. Bisson, Mr. Vazquez Lopez, Ms. Badoud, Mr. Halfpenny	WIPO and the Intellectual Property Office (United Kingdom) (Mr. Nick Smith) E-mail: Nick.Smith@ipo.gov.uk
1 May 2018 Birmingham (GB)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Richardson Other WIPO speakers on other IP topics: Mr. Bisson, Mr. Vazquez Lopez, Ms. Badoud, Mr. Halfpenny	WIPO and the Intellectual Property Office (United Kingdom) (Mr. Nick Smith) E-mail: Nick.Smith@ipo.gov.uk
3-4 May 2018 Munich (DE)	German	Basic PCT seminar WIPO speakers: Mr. Reischle-Park and Ms. Happe	Forum Institut für Management GmbH Tel: (49-6221) 500 660 Fax: (49-6221) 500 666 E-mail: s.schilling@forum-institut.de
7 May 2018 Istanbul (TR) <i>(a limited number of places are available to the public)</i>	English	PCT seminar WIPO speaker: Ms. Bonvallet	Centre d'études internationales de la propriété intellectuelle (CEIPI) (Ms. Selda Arkan) Tel: (90-212) 293 32 42 Fax: (90-212) 244 51 21 E-mail: selda.arkan@alfapatent.com.tr ; alfa@alfapatent.com.tr
15 May 2018 Cologne (DE)	German	PCT seminar – "Best Practices" WIPO speaker: Mr. Reischle-Park	IP for IP Intellectual Property for Intellectual People GmbH (Ms. Annette Kapeller) Tel: (49-0) 6201 844 37 30 Fax: (49-0) 6201 98 62 10 E-mail: info@ipforip.de Internet: www.ipforip.de
15 May 2018 Dortmund (DE)	German	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Henninger Other WIPO speakers on other IP topics: Mr. Fink, Mr. Closet, Ms Wollgast and Mr. Riechel	WIPO and the German Patent and Trade Mark Office (Dr. Volker Rüger) E-mail: Volker.Rueger@dpma.de

PCT Seminar Calendar [continued]			
Dates and location	Language of seminar	Nature of seminar; WIPO speakers (and others where known)	Organizer and contact numbers
23 May 2018 Osaka (JP)	Japanese	Workshop on the PCT system WIPO speakers: Mr. Fujita and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05
24 May 2018 Nagoya (JP)	Japanese	Workshop on the PCT system WIPO speakers: Mr. Fujita and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05
25 May 2018 Tokyo (JP)	Japanese	Workshop on the PCT system WIPO speakers: Mr. Fujita and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05
31 May-1 June 2018 Stockholm (SE)	English	PCT seminar WIPO speakers: Mr. Reischle-Park and Mr. Henninger	IP-Akademin (Ms. Rut Herbjørnsen) Tel: (46-708) 808 342 E-mail: info@ipakademin.se Internet: www.ipakademin.se
5 June 2018 Bordeaux (FR)	French	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Bonvallet	WIPO and the National Institute of Industrial Property (INPI) (France) (Ms. Véronique Spannagel) E-mail: vspannagel@inpi.fr
6-7 June 2018 Boston, MA (US)	English	Comprehensive PCT Seminar Speaker on behalf of WIPO: Mr. Oppedahl	PCT Learning Center (Ms. Frimmel Smith) Tel: (1-571) 212 38 68 Fax: (1-703) 636 89 74 E-mail: contact@pctlearningcenter.org Internet: pctlearningcenter.org
7 June 2018 Marseille (FR)	French	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Bonvallet	WIPO and the National Institute of Industrial Property (INPI) (France) (Ms. Véronique Spannagel) E-mail: vspannagel@inpi.fr
7 June 2018 Vilnius (LT)	English	Basic training course on the PCT WIPO speaker: Ms. Weiss	Centre d'études internationales de la propriété intellectuelle (CEIPI) (Ms. Aurelija Šidlauskienė) Tel/fax: (370-37) 22 14 42 E-mail: aurelijosfirma@gmail.com (Ms. Otilija Klimaitiene) Tel: (370-5) 252 66 76 Fax: (370-5) 252 66 70 E-mail: o.klimaitiene@aaalaw.eu
14-15 June 2018 London (GB)	English	Advanced PCT Formalities seminar, including practical presentations on ePCT WIPO speakers: Mr. Reischle-Park and Mr. Barmes	Management Forum Ltd. (Ms. Angela Spall) E-mail: angela.spall@falconbury.co.uk
14-15 June 2018 Madrid (ES) <i>(a limited number of places are available to the public)</i>	English	Basic PCT seminar WIPO speakers: Ms. Bonvallet and Ms. Kang	Centre d'études internationales de la propriété intellectuelle (CEIPI) (Mr. Pablo Calvo) Tel: (34-914) 17 13 00 E-mail: pcalvo@abgpatentes.com (Ms. Ruth Sánchez) E-mail: rss@elzaburu.es
11-12 July 2018 Alexandria, VA (US)	English	PCT course within the framework of the "Patent Administration: A Foundation for Success" course Speaker on behalf of WIPO: Mr. Oppedahl	Patent Resources Group, Inc. (Ms. Theresa Woods) Tel: (1-703) 682 48 60 Fax: (1-703) 892 45 10 E-mail: twoods@patentresources.com Internet: http://www.patentresources.com

[continued on next page]

PCT Seminar Calendar [continued]

Dates and location	Language of seminar	Nature of seminar; WIPO speakers (and others where known)	Organizer and contact numbers
19-20 September 2018 Austin, TX (US)	English	PCT course within the framework of the "Patent Administration: A Foundation for Success" course Speaker on behalf of WIPO: Mr. Oppedahl	Patent Resources Group, Inc. (Ms. Theresa Woods) Tel: (1-703) 682 48 60 Fax: (1-703) 892 45 10 E-mail: twoods@patentresources.com Internet: http://www.patentresources.com
20-21 September 2018 Kiel (DE)	German	PCT presentation on latest developments in the PCT within the framework of the PAFA-Tagung 2018 conference WIPO speaker: Mr. Reischle-Park	IP for IP Intellectual Property for Intellectual People GmbH (Ms. Annette Kapeller) Tel: (49-0) 6201 844 37 30 Fax: (49-0) 6201 98 62 10 E-mail: info@ipforip.de Internet: www.ipforip.de
27 September 2018 London (GB)	English	PCT seminar within the framework of the 17 th Annual Conference for Senior Patent Administrators WIPO speaker: Mr. Reischle-Park	Management Forum Ltd. (Ms. Angela Spall) E-mail: angela.spall@falconbury.co.uk
1 October 2018 Zurich (CH)	German	Seminar on the latest developments concerning the PCT (CEIPI Course) WIPO speaker: Mr. Henninger	Centre d'études internationales de la propriété intellectuelle (CEIPI) (Mr. Hansjörg Kley) Tel: (41-52) 226 00 00 Fax: (41-52) 226 00 09 E-mail: hansjoerg@kley.ch
4 October 2018 Barcelona (ES) <i>(a limited number of places are available to the public)</i>	Spanish	Basic PCT seminar WIPO speaker: Ms. Bonvallet	Centre d'études internationales de la propriété intellectuelle (CEIPI) (Mr. Antonio López-Carrasco Comajuncosas) Tel: (34-93) 123 31 01 E-mail: antonio.lopez-carrascomajuncosas@telefonica.com
5 October 2018 Kraków (PL) <i>(a limited number of places are available to the public)</i>	English	Basic PCT seminar WIPO speaker: Mr. Henninger	Centre d'études internationales de la propriété intellectuelle (CEIPI) (Mr. Lukasz Bogdan) Tel: (48-60) 440 64 32 E-mail: lukasz.bogdan@gmail.com
11-12 October 2018 Munich (DE)	German	Advanced PCT seminar WIPO speakers: to be announced	Forum Institut für Management GmbH Tel: (49-6221) 500 660 Fax: (49-6221) 500 666 E-mail: s.schilling@forum-institut.de
18 October 2018 Lisbon (PT)	English	Basic PCT seminar WIPO speaker: Ms. Weiss	Centre d'études internationales de la propriété intellectuelle (CEIPI) (Mr. Luis Ferreira) E-mail: luis.ferreira@patents.pt
24 October 2018 Vienna (AT)	German	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speakers: to be announced	WIPO and the Austrian Patent Office (Ms. Ursula Hofermayer) E-mail: Ursula.Hofermayer@patentamt.at
7-8 November 2018 New York, NY (US)	English	PCT course within the framework of the "Patent Administration: A Foundation for Success" course Speaker on behalf of WIPO: Mr. Oppedahl	Patent Resources Group, Inc. (Ms. Theresa Woods) Tel: (1-703) 682 48 60 Fax: (1-703) 892 45 10 E-mail: twoods@patentresources.com Internet: http://www.patentresources.com
29-30 November 2018 London (GB)	English	Advanced PCT Formalities seminar, including practical presentations on ePCT WIPO speakers: to be announced	Management Forum Ltd. (Ms. Angela Spall) E-mail: angela.spall@falconbury.co.uk

PCT Webinars			
(http://www.wipo.int/pct/en/seminar/webinars/index.html) (http://www.wipo.int/patentscope/en/webinar/)			
Date and time	Language of webinar	Nature of webinar; WIPO speakers	Registration
20 March 2018 8:30–9:30 CET or 22 March 2018 17:30–18:30 CET	English	PATENTSCOPE webinar: Translation tools in PATENTSCOPE WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/683439223517620481
22 March 2018 8:30–9:30 CET (15:30–16:30 Beijing time)	Chinese	PCT overview WIPO speaker: Mr. Yu	https://attendee.gotowebinar.com/register/3980682181701547523
24 April 2018 8:30–9:30 CET or 26 April 2018 17:30–18:30 CET	English	PATENTSCOPE webinar: Overview of PATENTSCOPE WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/3755692414826051073
24 April 2018 9:30–10.30 CET (16:30–17:30 Tokyo time)	Japanese	Best Practices in the PCT – International Phase WIPO speaker: Mr. Fujita	https://register.gotowebinar.com/register/2706700049163601411
25 April 2018 9:00–10:00 CET (15:00–16:00 Beijing time)	Chinese	Special procedures in the international phase (1) WIPO speaker: Mr. Yu	https://register.gotowebinar.com/register/8493851958280806145
8 May 2018 9:30–10.30 CET (16:30–17:30 Tokyo time)	Japanese	Introduction to ePCT (Basic) WIPO speaker: Mr. Ushida	https://register.gotowebinar.com/register/2198512371875428099
15 May 2018 9:30–10.30 CET (16:30–17:30 Tokyo time)	Japanese	Introduction to ePCT (Advanced) WIPO speaker: Mr. Ushida	https://register.gotowebinar.com/register/1537473886628677635
29 May 2018 8:30–9:30 CET or 31 May 2018 17:30–18:30 CET	English	PATENTSCOPE webinar: PATENTSCOPE for beginners WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/3373275673615779585
6 June 2018 9:00–10:00 CET (15:00–16:00 Beijing time)	Chinese	Special procedures in the international phase (2) WIPO speaker: Mr. Yu	https://attendee.gotowebinar.com/register/6384477383299569921
26 June 2018 8:30–9:30 CET or 28 June 2018 17:30–18:30 CET	English	PATENTSCOPE webinar: PATENTSCOPE for experts WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/2544881623016771329
17 July 2018 8:30–9:30 CET or 19 July 2018 17:30–18:30 CET	English	PATENTSCOPE webinar: Chemical structure search WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/3241594862538409217

PCT Events Without WIPO speakers¹

Dates and location	Language of event	Nature of seminar; Speakers	Organizer and contact numbers
30 March 2018 Concord, NH (US)	English	20 th Comprehensive PCT Seminar Speaker: Ms. Lauchman (United States Patent and Trademark Office)	Franklin Pierce Center for Intellectual Property (Ms. Lauri Connolly) E-mail: lauri.connolly@law.unh.edu

Other IP events

International Exhibition of Inventions Geneva (Switzerland), 11-15 April 2018

The 46th International Exhibition of Inventions Geneva will take place in Geneva from 11 to 15 April 2018.

For further information, see: <http://www.inventions-geneva.ch/en/>

International Trade Fair for Ideas – Inventions – New Products (iENA), Nuremberg (Germany), 1-4 November 2018

The international trade fair for “Ideas – Inventions – New Products” will take place in Nuremberg from 1 to 4 November 2018.

For further information, see: <http://www.iena.de/en/home.html>

1. Views and opinions of speakers at these events do not necessarily represent the views of WIPO.

PCT Fee Tables

(amounts on 1 March 2018, 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*, 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, 200 or 300 where the international application, or part of the international application, is filed in electronic form, as prescribed under Item 4(a), (b) and (c) of the Schedule of Fees (annexed to the Regulations under the PCT) and the *PCT Applicant's Guide*, paragraph 5.189. A 90% reduction in the international filing fee (including the fee per sheet over 30), the supplementary search handling fee 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 2 and 14. (Note that if the CHF 100, 200 or 300 reduction, as the case may be, and the 90% reduction are applicable, the 90% 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 –	BRL	Brazilian real	HRK	Croatian kuna	MWK	Malawian kwacha	THB	Baht
IPEA	International Preliminary Examining Authority	BZD	Belize dollar	HUF	Hungarian forint	MXN	Mexican peso	TJS	Tajik somoni
ISA	International Searching Authority	CAD	Canadian dollar	IDR	Indonesian rupiah	MYR	Malaysian ringgit	TND	Tunisian dinar
RO	receiving Office	CHF	Swiss franc	ILS	New Israeli sheqel	NOK	Norwegian krone	TTD	Trinidad and Tobago dollar
		CLP	Chilean peso	INR	Indian rupee	NZD	New Zealand dollar	UAH	Ukrainian hryvnia
		CNY	Yuan renminbi	IRR	Iranian rial	OMR	Omani rial	USD	US dollar
		COP	Colombian peso	ISK	Icelandic krona	PEN	Nuevo sol	VND	Vietnamese dong
		CUC	Cuban convertible peso	JPY	Japanese yen	PGK	Kina	XAF	CFA franc BEAC
		CZK	Czech koruna	KES	Kenyan shilling	PHP	Philippine peso	ZAR	South African rand
ALL	Albanian lek	DJF	Djibouti franc	KGS	Kyrgyz som	PLN	Polish zloty	ZWD	Zimbabwe dollar
AMD	Armenian dram	DKK	Danish krone	KPW	Won (KP)	QAR	Qatari riyal		
AUD	Australian dollar	DZD	Algerian dinar	KRW	Won (KR)	RON	New leu		
AZN	Azerbaijani manat	EGP	Egyptian pound	KZT	Kazakh tenge	RSD	Serbian dinar		
BAM	Convertible mark	EUR	Euro	LSL	Lesotho loti	RUB	Russian rouble		
BGN	Bulgarian lev	GBP	Pound sterling	LYD	Libyan dinar	SDG	Sudanese pound		
BHD	Bahraini dinar	GHS	Ghanaian cedi	MAD	Moroccan dirham	SEK	Swedish krona		
BND	Brunei dollar	GTQ	Quetzal	MKD	Macedonian denar	SGD	Singapore dollar		

Table I(a) — Transmittal and international filing fees
(amounts on 1 March 2018, unless otherwise indicated)

RO	Transmittal fee ¹	International filing fee ^{1,2} (CHF 1,330)	Fee per sheet over 30 ^{1,2,3} (CHF 15)	E-filing reductions according to Schedule of Fees:			Competent ISA(s) ⁴
				Item 4(a) ⁵ (CHF 100)	Item 4(b) ⁶ (CHF 200)	Item 4(c) ⁷ (CHF 300)	
AG	Information not yet available						CA EP
AL	ALL 9,000	CHF 1,330	15	–	–	–	EP
AM	AMD 32,000	USD 1,366	15	–	–	–	EP RU
AP	USD 50 (or eq in local currency)	USD 1,366	15	–	–	–	AT EP SE
AT	EUR 52	EUR 1,163	13	–	175	262	EP
AU	AUD 200	AUD 1,745	20	–	262	394	AU KR
AZ	AZN 35.40	USD 1,366	15	–	205	308	EP RU
BA	BAM 50	EUR 1,163	13	–	–	–	EP
BE	EUR 120	EUR 1,163	13	–	–	–	EP
BG	BGN 80	BGN eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	EP RU
BH	BHD 70	USD 1,366	15	–	–	–	AT EP US
BN	BND 150	BND eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AU EP JP
BR	BRL ⁸ online: 175 on paper: 260	BRL eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AT BR EP SE US
BW	USD 32	USD 1,366	15	–	–	–	EP
BY	USD 50	USD 1,366	15	–	–	–	EP RU
BZ	BZD 300	USD 1,366	15	–	–	–	CA EP
CA	CAD 300	CAD 1,708	19	–	257	385	CA
CH	CHF 100	CHF 1,330	15	–	200	300	EP
CL	CLP eq USD ⁹ 130	CLP eq USD ⁹ 1,366	eq USD 15 ⁹	–	eq USD 205	eq USD 308	CL EP ES KR US
CN	CNY 500	CNY eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	CN

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Table I(a) — Transmittal and international filing fees [continued]

(amounts on 1 March 2018, unless otherwise indicated)

RO	Transmittal fee ¹		International filing fee ^{1,2}		E-filing reductions according to Schedule of Fees:			Competent ISA(s) ⁴	
					Fee per sheet over 30 ^{1,2,3}	Item 4(a) ⁵	Item 4(b) ⁶		Item 4(c) ⁷
CO	COP	952,000 ¹⁰	COP eq CHF	1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AT BR CL EP ES KR RU
CR	USD	250	USD	1,366	15	–	–	–	CL EP ES
CU	CUC	200	CUC	1,366	15	–	205	308	AT BR CL EP ES RU
CY	EUR	191	EUR	1,163	13	–	–	–	EP
CZ	CZK	1,500	EUR	1,163	13	–	175	262	EP XV
DE	EUR	90	EUR	1,163	13	–	175	262	EP
DJ	USD	100	USD	1,366	15	–	–	–	AT EG EP
	or eq DJF								
DK	DKK	1,500	DKK	8,650	100	–	1,300	1,950	EP SE XN
DM	Information not yet available								
DO	USD	275	USD	1,366	15	–	205	308	CL EP ES US
DZ	DZD	None	CHF	1,330	15	–	200	300	AT EP
EA	RUB	1,600	USD	1,366	15	–	205	308	EP RU
EC	USD ¹¹	–	USD	1,366	15	–	–	–	CL EP ES
EE	EUR	120	EUR	1,163	13	–	175	262	EP
EG	USD	142	USD	1,366	15	–	205	308	AT EG EP US
EP	EUR	130	EUR	1,163	13	87	175	262	EP
ES	EUR	74.25	EUR	1,163	13	–	175	262	EP ES
FI	EUR	135	EUR	1,163	13	–	175	262	EP FI SE
FR	EUR	62	EUR	1,163	13	–	175	262	EP
GB	GBP	75	GBP	1,029	12	–	155	232	EP
GD	Information not yet available								
GE	USD ¹²	100	USD	1,366	15	–	205	308	AT EP IL RU US
GH	GHS ¹³	2,500 or 5,000	USD	1,366	15	–	–	–	AT AU CN EP SE
GR	EUR	115	EUR	1,163	13	–	–	–	EP
GT	GTQ eq USD	250	USD	1,366	15	–	–	–	AT BR CL EP ES US
HN	USD	200	USD	1,366	15	–	–	–	EP ES
HR	HRK	200	HRK eq CHF	1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	EP
HU	HUF	11,800	HUF	363,000	4,100	–	54,600	81,900	EP XV
IB	CHF ¹⁴	100	CHF	1,330	15	–	200	300	See footnote 15
	or EUR ¹⁴	87	or EUR	1,163	13	–	175	262	
	or USD ¹⁴	103	or USD	1,366	15	–	205	308	
ID	IDR	1,000,000	IDR eq CHF	1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AU EP JP KR RU SG
IE	EUR	76	EUR	1,163	13	–	–	–	EP
IL	ILS	550	USD	1,366	15	–	205	308	EP IL US
IN	INR	17,600 (paper filing) ¹⁶	USD	1,366	15	–	205	308	AT AU CN EP IN SE US
	INR	16,000 (e-filing) ¹⁶							
IR	IRR	50,000 (natural persons)	IRR eq CHF	1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	CN EP IN RU
	IRR	500,000 (legal persons)							
IS	ISK	17,300	ISK	145,200	1,600	–	21,800	32,800	EP SE XN
IT	EUR	30.99	EUR	1,163	13	–	175	262	EP
JO	USD 100 or eq JOD		USD	1,366	15	–	205	308	AT AU EP
JP	JPY	10,000 ¹⁷	JPY	153,800	1,700	–	–	34,700	EP JP SG
KE	USD 250 (or KES equiv) plus cost of mailing		USD	1,366	15	–	–	–	AT AU CN EP SE
KG		None	USD	1,366	15	–	–	–	EP RU

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Table I(a) — Transmittal and international filing fees [continued]

(amounts on 1 March 2018, unless otherwise indicated)

RO	Transmittal fee ¹	International filing fee ^{1,2}	Fee per sheet over 30 ^{1,2,3}	E-filing reductions according to Schedule of Fees:			Competent ISA(s) ⁴
				Item 4(a) ⁵	Item 4(b) ⁶	Item 4(c) ⁷	
KH	USD 100	USD 1,366	15	–	–	–	EP JP SG
KN	Information not yet available						EP
KP	KPW eq CHF 50	KPW eq CHF 1,330	eq CHF 15	–	–	–	AT CN RU
KR	KRW 45,000	CHF 1,330	15	–	–	300	AT AU JP ¹⁸ KR
KZ	KZT 10,264.80	USD 1,366	15	–	–	–	EP RU
LR	USD 45	USD 1,366	15	–	–	–	AT AU CN EP SE
LS	LSL ¹¹ –	LSL eq CHF 1,330	eq CHF 15	–	–	–	AT EP
LT	EUR 92	EUR 1,163	13	–	175	262	EP RU XV
LU	EUR 19	EUR 1,163	13	–	–	–	EP
LV	EUR 70	EUR 1,163	13	–	175	262	EP RU
LY	LYD ¹¹ –	CHF 1,330	15	–	–	–	AT EP
MA	MAD 600 ¹⁹	CHF 1,330	15	–	200	300	AT EP RU SE
MC	EUR 54 ²⁰	EUR 1,163	13	–	–	–	EP
MD	EUR 100	USD 1,366	15	–	–	–	EP RU
ME	EUR ¹¹ –	EUR 1,163	13	–	–	–	EP
MK	MKD 2,700	MKD eq CHF 1,330	eq CHF 15	–	–	–	EP
MN	None	CHF 1,330	15	–	–	–	EP KR RU
MT	EUR 55	EUR 1,163	13	–	–	–	EP
MW	MWK 6,000	USD 1,366	15	–	–	–	EP
MX	USD 323.70 ²¹	USD 1,366	15	–	205	308	ATCLEPESKRSESG US
MY	MYR 500 (e-filing) ²² 550 (paper filing) ²²	MYR eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AU EP JP KR
NI	USD 200	USD 1,366	15	–	–	–	EP ES
NL	EUR 50	EUR 1,163	13	–	175	262	EP
NO	NOK 800	NOK 10,930	120	–	1,640	2,460	EP SE XN
NZ	NZD 207	NZD 1,897	21	–	285	428	AU EP KR US
OA	XAF ¹¹ –	XAF eq CHF 1,330	eq CHF 15	–	–	–	AT EP RU SE
OM	OMR 40	OMR eq USD 1,366	eq USD 15	–	eq USD 205	eq USD 308	ATAUEGEPUS
PA	USD 200	USD 1,366	15	–	205	308	BR CL EP ES US
PE	PEN 233.35	PEN eq USD 1,366	eq USD 15	–	eq USD 205	eq USD 308	ATBRCLEPESKRUS
PG	PGK 250	USD 1,366	15	–	–	–	AU
PH	PHP 4,200	USD 1,366	15	–	205	308	AU EP JP KR US
PL	PLN 300	PLN eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	EP XV
PT	EUR 10.52 (online filing) EUR 21.04 (paper filing)	EUR 1,163	13	–	175	262	EP
QA	QAR 400	QAR eq USD 1,366	eq USD 15	–	eq USD 205	eq USD 308	EG EP US
RO	RON 445	EUR 1,163	13	–	175	262	EP RU
RS	RSD 7,620 ²³	RSD eq CHF 1,330 or EUR 1,163	eq CHF 15 or EUR 13	–	eq CHF 200 or EUR 175	eq CHF 300 or EUR 262	EP
RU	RUB 1,700	USD 1,366	15	–	205	308	EP RU
RW	Information not yet available						
SA	USD 100	USD 1,366	15	–	205	308	CA EG EP KR RU
SC	USD ¹¹ –	USD 1,366	15	–	–	–	EP
SD	SDG 50	SDG eq CHF 1,330	eq CHF 15	–	–	–	EG EP
SE	SEK 1,200	SEK 11,150	130	–	1,680	2,510	EP SE XN
SG	SGD 150	SGD 1,859	21	–	280	419	AT AU EP JP KR SG
SI	EUR 91	EUR 1,163	13	–	175	262	EP
SK	EUR 66 ²⁴	EUR 1,163	13	–	175	262	EP XV

[continued on next page]

Table I(a) — Transmittal and international filing fees [continued]

(amounts on 1 March 2018, unless otherwise indicated)

RO	Transmittal fee ¹		International filing fee ^{1,2}		Fee per sheet over 30 ^{1,2,3}	E-filing reductions according to Schedule of Fees:			Competent ISA(s) ⁴
						Item 4(a) ⁵	Item 4(b) ⁶	Item 4(c) ⁷	
SM	EUR	100	EUR	1,163	13	–	–	–	EP
SV	USD	200	USD	1,366	15	–	–	–	CL EP ES
SY	USD ¹¹	–	USD	1,366	15	–	–	–	AT EG EP RU
TH	THB	3,000	THB eq CHF	1,330	eq CHF 15	–	–	–	AU CN EP JP KR SG US
TJ	TJS ¹¹	–	USD	1,366	15	–	–	–	EP RU
TM	USD ¹¹	–	USD	1,366	15	–	–	–	EP RU
TN	TND ¹¹	–	CHF	1,330	15	–	–	–	EP
TR	None	None	CHF	1,330	15	–	200	300	EP TR
TT	TTD	750	USD	1,366	15	–	–	–	AT EP SE US
UA	UAH or eq EUR or USD ²⁵	1,300	USD (or eq UAH or EUR)	1,366	15	–	–	–	EP RU UA
US	USD	240 ²⁶ small entity ²⁷ : 120 ²⁶ micro entity ²⁷ : 60 ²⁶	USD	1,366	15	103	205	–	AU EP IL JP KR RU SG US
UZ	USD ¹¹	–	USD	1,366	15	–	–	–	EP RU
VN	VND	300,000	CHF	1,330	15	–	–	–	AT AU EP JP KR RU SE SG
ZA	ZAR	500	ZAR (from 1.4.18: 17,050)	18,560 (190)	210 (190)	–	2,790 (2,560)	4,190 (3,850)	AT AU EP US
ZM	USD	50	USD	1,366	15	–	–	–	AT SE
ZW	ZWD	6,000	ZWD eq USD	1,366	eq USD 15	–	–	–	AT AU CN EP RU

Table I(b) — Search fees

(amounts on 1 March 2018, unless otherwise indicated)

ISA	Search fee ¹											
AT ²⁸	EUR	1,875	CHF	2,145	KRW	2,423,000	SGD	3,000	USD	2,202	ZAR*	29,930
	*	(from 1.4.18:	ZAR	28,390)								
AU	AUD	2,200	CHF	1,677	EUR	1,466	KRW	1,803,000	NZD	2,391	SGD	2,343
	USD	1,722	ZAR*	23,400	*(from 1.4.18:	ZAR	21,370)					
BR ⁸	Online:		BRL	1,685	CHF*	519	EUR*	454	USD	533		
	* (from 1.4.18:	CHF	489	EUR	419)							
	On paper:		BRL	2,525	CHF*	778	EUR*	681	USD	799		
	* (from 1.4.18:	CHF	732	EUR	628)							
CA	CAD	1,600	CHF	1,246	EUR	1,089	USD	1,279				
CL	USD	2,000	CHF	1,948	EUR	1,703						
	In case of filing by an natural person or a legal entity ² :	USD	400	CHF	390	EUR	341					
	In case of filing by a university ²⁹ :	USD	300	CHF	292	EUR	255					
CN	CNY	2,100	CHF	308	EUR	269	USD	316				
EG ³⁰	EGP	4,000	CHF	221	EUR	193	USD	227				
EP ³¹	EUR*	1,875	CHF*	2,145	DKK*	13,960	GBP*	1,660	HUF*	585,300	ISK*	234,100
	JPY*	248,000	NOK*	17,620	NZD*	3,058	SEK*	17,970	SGD*	3,000	USD*	2,202
	ZAR*	29,930										
	* (from 1.4.18:	EUR	1,775	CHF	2,059	DKK	13,210	GBP	1,552	HUF	550,400	
	ISK	221,900	JPY	242,100	NOK	16,990	NZD	3,007	SEK	17,390	SGD	2,900
	USD	2,207	ZAR	26,320)								
ES ³¹	EUR*	1,875	CHF*	2,145	USD*	2,202						
	* (from 1.4.18:	EUR	1,775	CHF	2,059	USD	2,207)					
FI	EUR*	1,875	CHF*	2,145	USD*	2,202						
	* (from 1.4.18:	EUR	1,775	CHF	2,059	USD	2,207)					
IL	ILS	3,525	CHF	994	EUR	849	USD	1,009				
IN	INR	10,000	CHF	149	EUR	130	USD	153				
	In case of filing by an individual:			INR	2,500	CHF	37	EUR	32	USD	38	

Table I(b) — Search fees [continued]
(amounts on 1 March 2018, unless otherwise indicated)

ISA	Search fee ¹											
JP ¹⁷	For international applications in Japanese:											
	JPY	70,000	CHF	605	EUR	529	KRW*	713,000	USD	622		
	* (from 1.4.18: KRW 666,000)											
	For international applications in English:											
	JPY	156,000	CHF	1,349	EUR	1,179	SGD	1,885	USD	1,385		
KR	For international applications in Korean:											
	KRW	450,000	AUD	549	CHF	410	EUR	334	NZD	602	SGD	534
	USD*	393										
	* (from 1.4.18: USD 422)											
	For international applications in English:											
	KRW	1,300,000	AUD	1,587	CHF	1,184	EUR	966	NZD	1,740	SGD	1,544
	USD*	1,134										
	* (from 1.4.18: USD 1,218)											
RU	For international applications in Russian:											
	RUB	8,500	CHF	143	EUR	125	USD	147				
	For international applications in English:											
	RUB	40,000	CHF	673	EUR	588	USD	691				
SE	SEK*	17,970	CHF*	2,145	DKK*	13,960	EUR*	1,875	ISK*	234,100	NOK*	17,620
	USD*	2,202										
	* (from 1.4.18: SEK 17,390 CHF 2,059 DKK 13,210 EUR 1,775 ISK 221,900 NOK 16,990 USD 2,207)											
SG	SGD	2,240	CHF	1,603	EUR	1,401	JPY	185,300	USD	1,646		
TR	TRY*	7,860	CHF*	2,145	EUR*	1,875	USD*	2,202				
	* (from 1.4.18: TRY 8,290 CHF 2,059 EUR 1,775 USD 2,207)											
UA	EUR	300	CHF	343	USD	352						
US	USD	2,080	CHF	2,026	EUR	1,771	NZD	2,889	ZAR*	28,270		
	* (from 1.4.18: ZAR 25,680)											
	For small entity ²⁷ : USD 1,040 CHF 1,013 EUR 886 NZD 1,445 ZAR* 14,140											
	* (from 1.4.18: ZAR 12,840)											
	For micro entity ²⁷ : USD 520 CHF 506 EUR 443 NZD 722 ZAR* 7,070											
	* (from 1.4.18: ZAR 6,420)											
XN	DKK*	13,960	CHF*	2,145	EUR*	1,875	ISK*	234,100	NOK*	17,620	SEK*	17,970
	USD*	2,202										
	* (from 1.4.18: DKK 13,210 CHF 2,059 EUR 1,775 ISK 221,900 NOK 16,990 SEK 17,390 USD 2,207)											
XV	EUR*	1,875	CHF*	2,145	HUF	585,300	USD*	2,202				
	* (from 1.4.18: EUR 1,775 CHF 2,059 HUF 550,400 USD 2,207)											

Table I(c) — Supplementary search fees
(amounts on 1 March 2018, unless otherwise indicated)

ISA	Supplementary search fee	Supplementary search handling fee ^{2, 32}
AT	– for a search of the German-language documentation: CHF 972	CHF 200
	– for a search of the European and North American documentation: CHF 1,361	
	– for a search of the PCT minimum documentation: CHF 1,944	
EP	CHF 2,145 (from 1.4.18: CHF 2,059)	CHF 200
FI	CHF 2,145 (from 1.4.18: CHF 2,059)	CHF 200
RU	CHF 198 (317) ³³	CHF 200
SE	CHF 2,145 (from 1.4.18: CHF 2,059)	CHF 200
SG	CHF 1,603	CHF 200

[continued on next page]

Table I(b) — Supplementary search fees [continued]

(amounts on 1 March 2018, unless otherwise indicated)

ISA	Supplementary search fee	Supplementary search handling fee ^{2, 32}
TR	– for a full search: <i>(from 1.4.18:</i> CHF 2,145 CHF 2,059)	CHF 200
	– for a search only on the documents in Turkish held in the search collection of the Authority: CHF 136	
UA	– for a search of only the PCT minimum documentation: CHF 114	CHF 200
	– for a search of only the Russian language documentation of the former USSR and the Ukrainian language documentation: CHF 172	
	– for a search of only the European and North American documentation: CHF 229	
XN	– for a full search: <i>(from 1.4.18:</i> CHF 2,145 CHF 2,059)	CHF 200
	– for searches only of documentation in Danish, Icelandic, Norwegian and Swedish: CHF 615	
XV	– for a full search: <i>(from 1.4.18:</i> CHF 2,145 CHF 2,059)	CHF 200
	– for searches only of documentation in Czech, Hungarian, Polish and Slovak: CHF 629	

Table II — Preliminary examination fees

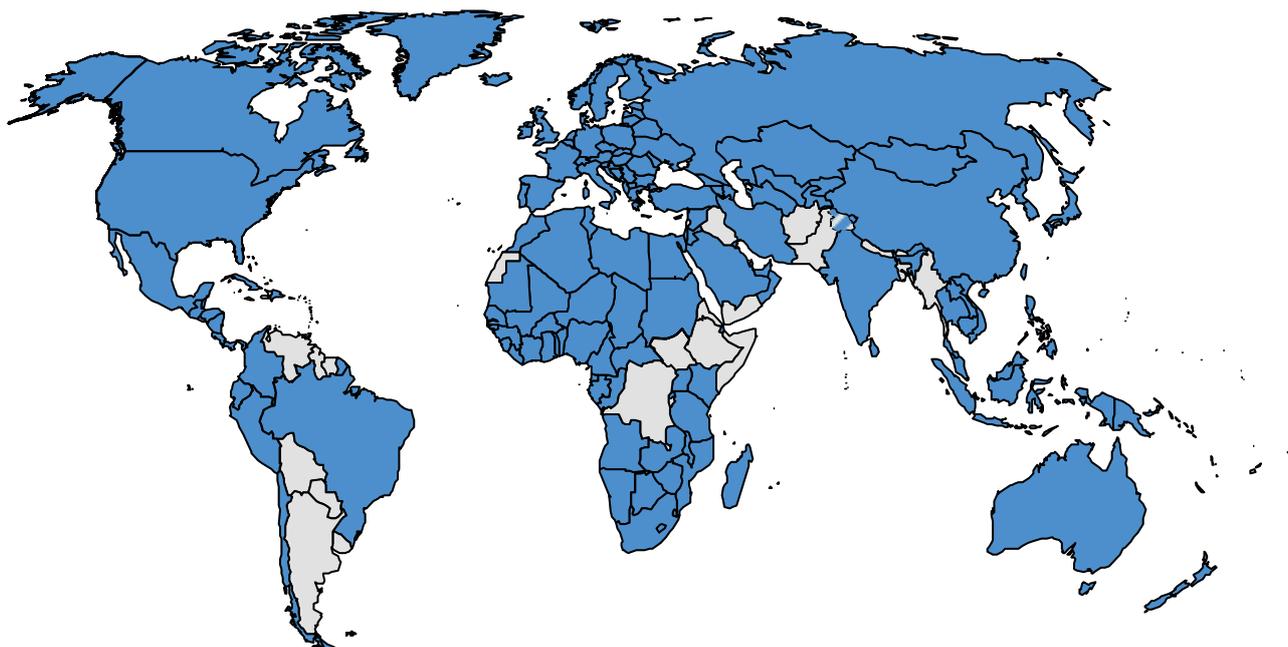
(amounts on 1 March 2018, unless otherwise indicated)

IPEA	Preliminary examination fee ³⁴	Handling fee ^{2, 34} (CHF 200)
AT ²⁸	EUR 1,749	EUR 175
AU	AUD 590 820 ³⁵	AUD 262
BR ⁸	Online: BRL 630	BRL eq CHF 200
	On paper: BRL 945	
CA	CAD 800	CAD 257
CL	USD 1,500	USD 205
	in case of filing by a natural person or a legal entity ² : USD 400	
	in case of filing by a university ²⁹ : USD 300	
CN	CNY 1,500	CNY eq CHF 200
EG ³⁰	EGP 3,000	USD 205
EP ³¹	EUR 1,930 <i>(from 1.4.18: EUR 1,830)</i>	EUR 175
ES ³¹	EUR 583.65	EUR 175
FI	EUR 600	EUR 175
IL	ILS 1,511	ILS 726
IN	INR 12,000; in case of filing by an individual: INR 3,000	USD 205
JP	For international applications in Japanese: JPY 26,000 ¹⁷	JPY 23,100
	For international applications in English: JPY 58,000	
KR	KRW 450,000	KRW 220,000
RU	For international applications in Russian: RUB 4,500 ³⁶ 6,750 ³⁷	USD 205
	For international applications in English: RUB 16,000 ³⁶ 24,000 ³⁷	
SE	SEK 5,000	SEK 1,680
SG	GD 830	SGD 280
TR	TRY 1,000	CHF 200
UA	– if the international search report has been prepared by this ISA: EUR 160	EUR 175
	– if the international search report has been prepared by another ISA: EUR 180	
US	USD 600 760 ³⁸	USD 205
	For small entity ²⁷ : USD 300 380 ³⁸	
	For micro entity ²⁷ : USD 150 190 ³⁸	
XN	DKK 5,000	DKK 1,300
XV	EUR 900	EUR 175

Footnotes to 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 90% where the applicant or, if there are two or more applicants, each applicant fulfills the criteria indicated on the PCT website at: <http://www.wipo.int/pct/en/fees>. Note that the PCT Assembly adopted an Understanding, with effect from 11 October 2017, which clarifies that this fee reduction is intended to apply only in the case where the applicants indicated in the request are the sole and true owners of the application and under no obligation to assign, grant, convey or license the rights in the invention to another party which is not eligible for the fee reduction.
- 3 Where the international application contains a sequence listing as a separate part of the description, this should preferably be furnished in accordance with Annex C, paragraph 40, of the Administrative Instructions under the PCT, that is, in compliance with WIPO Standard ST.25 text format; no additional fees are due for sequence listings filed in this format. Where, however, such sequence listings are filed in the form of an image file (e.g. PDF), fees are due for each page (see *PCT Newsletter* No. 06/2009, page 2 at: http://www.wipo.int/pct/en/newslett/2009/newslett_09.pdf).
- 4 For the search fee payable to the receiving Office, consult the entry in Table I(b) for the competent International Searching Authority.
- 5 If the international application is filed in electronic form, the request not being in character coded format.
- 6 If the international application is filed in electronic form, the request being in character coded format.
- 7 If the international application is filed in electronic form, the request, description, claims and abstract being in character coded format.
- 8 This fee is reduced by 60% where the international application is filed by a natural person, a small or medium-sized enterprise, a cooperative, an academic institution, a non-profit-making entity or a public institution. For further details, see Official Resolution of the National Institute of Industrial Property No. 129/14 of 10 March 2014.
- 9 When calculating the USD equivalent amount in CLP, applicants should use the exchange rate fixed by the Central Bank of Chile on the day before the date of payment.
- 10 This fee is reduced by 25% if the applicant is a natural person, a small or medium enterprise, a public or private university recognized by the National Ministry or a non-profit entity promoting the development of scientific and technological research.
- 11 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.
- 12 This fee is reduced by 70% where the applicant is a natural person.
- 13 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.
- 14 This fee is not payable in respect of international applications filed by applicants fulfilling the conditions indicated on the PCT website at: <http://www.wipo.int/pct/en/fees>
- 15 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*, Annex C (IB).
- 16 The fee for a natural person and/or a startup is INR 3,500 (paper filing), INR 3,200 (electronic filing); the fee for a small entity, alone or with natural person(s) and/or a startup is INR 8,800 (paper filing), INR 8,000 (electronic filing).
- 17 This fee is reduced by two thirds where the application is filed in Japanese by a small-sized sole proprietorship, a sole proprietorship that has commenced business less than ten years, a small-sized enterprise, or a small or medium-sized enterprise that has been established less than ten years. For further details, see: http://www.jpo.go.jp/tetuzuki/ryoukin/chusho_keigen.htm
- 18 The Japan Patent Office is competent only for international applications in Japanese.
- 19 This fee is reduced by 50% where the international application is filed by a public university, a small or medium enterprise (in accordance with the criteria of the charter for small or medium enterprises) or a natural person who is a national of and resides in one of the States entitled to a reduction under the PCT (for the list of States see: <http://www.wipo.int/pct/en/fees>).
- 20 Plus EUR 1.50 for the preparation of additional copies, for each page and each copy.
- 21 This fee is subject to a national tax of 16%.
- 22 Plus MYR 60 for each sheet in excess of 30 for electronic filings, and MYR 70 for each sheet in excess of 30 for paper filings.
- 23 This fee is reduced by 50% where the applicant is a natural person.
- 24 This fee is reduced by 50% if the international application is filed in fully-electronic form.
- 25 This fee is reduced by 95% where all applicants are also inventors and by 90% where all applicants are also non-profitable institutions and/or organizations. When the fee is payable with relation to an application made by both types of applicant, and all applicants are either also inventors, or non-profitable institutions and/or organizations, the fee is reduced by 90%.
- 26 Plus non-electronic filing fee portion for international applications filed other than by the Office electronic filing system of USD 400, or in the case of filings by small entities or micro entities: USD 200.
- 27 For further details about entitlement to and establishment of "small entity" status and "micro entity" status, see 37 CFR § 1.27 and 1.29 (pages R-41 and R-47), respectively, at: http://www.uspto.gov/web/offices/pac/mpep/consolidated_rules.pdf
- 28 The 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 a State for which the Austrian Patent Office is an International Searching Authority (in the case of the search fee)/International Preliminary Examining Authority (in the case of the preliminary examination fee).
- 29 Applicable where the applicant is (a) a Chilean university, or (b) a foreign university headquartered in any of the States which benefit, in accordance with the Schedule of Fees under the PCT Regulations, from the 90% reduction of the international filing fee and authenticated by its legal representative, in a simple declaration signed in the presence of a notary, as constituted as a university in accordance with the law of that State, provided that, if there are several applicants, each must satisfy the criterion set out in either sub-item (a) or (b)). For details of applicants entitled to the 90% reduction, see: <http://www.wipo.int/pct/en/fees>
- 30 The search fee payable to the Office is reduced by 25% where the applicant, or, if there are two or more applicants, each applicant is a natural person or a legal entity and is a national of and resides in a State which is classified by the World Bank in the group of countries of "low income", "lower middle income" or "upper middle income".
- 31 The search and preliminary examination fees payable to the EPO and the Spanish Patent and Trademark Office are reduced by 75% under certain conditions. For further information, see the relevant footnote in the *PCT Applicant's Guide*, Annexes D (EP and ES) and E (EP and ES) at: <http://www.wipo.int/pct/guide/en/index.html>
- 32 Payable to the International Bureau in Swiss francs.
- 33 This fee applies where a declaration referred to in PCT Article 17(2)(a) has been made by the International Searching Authority because of subject matter referred to in PCT Rule 39.1(iv) (methods of treatment).
- 34 Payable to the International Preliminary Examining Authority in the currency or one of the currencies prescribed by it.
- 35 Payable when the international search report was not issued by the Australian Patent Office.
- 36 Payable when the international search report was established by the Federal Service for Intellectual Property (Rospatent) (Russian Federation).
- 37 In all cases where footnote 36 does not apply.
- 38 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*, Annex C (US)).

PCT Contracting States and Two-letter Codes (152 on 1 March 2018)



AE United Arab Emirates	CU Cuba	IR Iran (Islamic Republic of)	MG Madagascar	SD Sudan (AP)
AG Antigua and Barbuda	CY Cyprus (EP) ²	IS Iceland (EP)	MK The former Yugoslav Republic of Macedonia (EP)	SE Sweden (EP)
AL Albania (EP)	CZ Czechia (EP)	IT Italy (EP) ²	ML Mali (OA) ²	SG Singapore
AM Armenia (EA)	DE Germany (EP)	JO Jordan	MN Mongolia	SI Slovenia (EP) ²
AO Angola	DJ Djibouti	JP Japan	MR Mauritania (OA) ²	SK Slovakia (EP)
AT Austria (EP)	DK Denmark (EP)	KE Kenya (AP)	MT Malta (EP) ²	SL Sierra Leone (AP)
AU Australia	DM Dominica	KG Kyrgyzstan (EA)	MW Malawi (AP)	SM San Marino (EP)
AZ Azerbaijan (EA)	DO Dominican Republic	KH Cambodia ³	MX Mexico	SN Senegal (OA) ²
BA Bosnia and Herzegovina ¹	DZ Algeria	KM Comoros (OA) ²	MY Malaysia	ST Sao Tome and Principe (AP)
BB Barbados	EC Ecuador	KN Saint Kitts and Nevis	MZ Mozambique (AP)	SV El Salvador
BE Belgium (EP) ²	EE Estonia (EP)	KP Democratic People's Republic of Korea	NA Namibia (AP)	SY Syrian Arab Republic
BF Burkina Faso (OA) ²	EG Egypt	KR Republic of Korea	NE Niger (OA) ²	SZ Swaziland (AP) ²
BG Bulgaria (EP)	ES Spain (EP)	KW Kuwait	NG Nigeria	TD Chad (OA) ²
BH Bahrain	FI Finland (EP)	KZ Kazakhstan (EA)	NI Nicaragua	TG Togo (OA) ²
BJ Benin (OA) ²	FR France (EP) ²	LA Lao People's Democratic Republic	NL Netherlands (EP) ²	TH Thailand
BN Brunei Darussalam	GA Gabon (OA) ²	LC Saint Lucia	NO Norway (EP)	TJ Tajikistan (EA)
BR Brazil	GB United Kingdom (EP)	LI Liechtenstein (EP)	NZ New Zealand	TM Turkmenistan (EA)
BW Botswana (AP)	GD Grenada	LK Sri Lanka	OM Oman	TN Tunisia ⁶
BY Belarus (EA)	GE Georgia	LR Liberia (AP)	PA Panama	TR Turkey (EP)
BZ Belize	GH Ghana (AP)	LS Lesotho (AP)	PE Peru	TT Trinidad and Tobago
CA Canada	GM Gambia (AP)	LT Lithuania (EP) ²	PG Papua New Guinea	TZ United Republic of Tanzania (AP)
CF Central African Republic (OA) ²	GN Guinea (OA) ²	LU Luxembourg (EP)	PH Philippines	UA Ukraine
CG Congo (OA) ²	GQ Equatorial Guinea (OA) ²	LV Latvia (EP) ²	PL Poland (EP)	UG Uganda (AP)
CH Switzerland (EP)	GR Greece (EP) ²	LY Libya	PT Portugal (EP)	US United States of America
CI Côte d'Ivoire (OA) ²	GT Guatemala	MA Morocco ⁴	QA Qatar	UZ Uzbekistan
CL Chile	GW Guinea-Bissau (OA) ²	MC Monaco (EP) ²	RO Romania (EP)	VC Saint Vincent and the Grenadines
CM Cameroon (OA) ²	HN Honduras	MD Republic of Moldova ⁵	RS Serbia (EP)	VN Viet Nam
CN China	HR Croatia (EP)	ME Montenegro ¹	RU Russian Federation (EA)	ZA South Africa
CO Colombia	HU Hungary (EP)		RW Rwanda (AP)	ZM Zambia (AP)
CR Costa Rica	ID Indonesia		SA Saudi Arabia	ZW Zimbabwe (AP)
	IE Ireland (EP) ²		SC Seychelles	
	IL Israel			
	IN India			

1 Extension of European patent possible.

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

3 Validation of European patent possible for international applications filed on or after 1 March 2018.

4 Validation of European patent possible.

5 Validation of European patent possible for international applications filed on or after 1 November 2015.

6 Validation of European patent possible for international applications filed on or after 1 December 2017.

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 version of the e-filing software used to generate the request form, or the latest versions of the request form (PCT/RO/101) and demand form (PCT/IPEA/401) (the latest versions are dated 1 July 2017 and 1 July 2016, respectively). The request and demand forms can be printed from the website, in editable PDF format, at: <http://www.wipo.int/pct/en/forms/>, or obtained from receiving Offices or the International Bureau, or, in the case of the demand form, also from International Preliminary Examining Authorities. Where possible, applicants are encouraged to use ePCT-Filing in order to benefit from the most up-to-date PCT data.