

PCT NEWSLETTER

www.wipo.int/pct/en

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PCT Filings in 2018

In 2018, use of the PCT continued to grow, with a record-breaking quarter of a million PCT applications filed. The estimated 253,000¹ applications represents a 3.9% increase over 2017. For the first time, Asia-based applicants filed more than half (50.5%) of all PCT applications, helped by significant growth from China, the Republic of Korea and India. Applicants from Europe filed 24.5% of all applications, and those from North America filed 23.1%.

Applicants based in the United States of America (U.S.) maintained their number one ranking, with 56,142 applications filed, accounting for 22.2% of the total filed in 2018. The U.S. was followed very closely by China (53,345 applications), ranking second for the second year running with 21.1% of all filings. As was the case in 2017, the third, fourth and fifth rankings were held by Japan (49,702), Germany (19,883) and the Republic of Korea (17,014).

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	56,142	22.2%
2. China	53,345	21.1%
3. Japan	49,702	19.6%
4. Germany	19,883	7.9%
5. Republic of Korea	17,014	6.7%
6. France	7,914	3.1%
7. United Kingdom	5,641	2.2%
8. Switzerland	4,568	1.8%
9. Sweden	4,162	1.6%
10. Netherlands	4,138	1.6%

Among the top 15 origins, India (+27.2%) and Finland (+14.7%) were the only two countries to record double-digit annual growth in 2018. China (+9.1%) and the Republic of Korea (+8%) both saw strong growth, although China's rate was its lowest since 2002. The United Kingdom recorded a 1.3% increase in filings, representing five uninterrupted years of growth. In contrast, the Netherlands (-6.6%), France (-1.2%) and the U.S. (-0.9%) each saw a decrease in filings.

¹ It is important to note that this total, as well as the filing figures which follow, are provisional because not all PCT applications that were filed with national and regional Offices in 2018 have been received at the International Bureau, and the final figures will only be available later in the year.

For information on the number of filings from all countries, as well as a comparison with filings in 2017, see Annex 1 of WIPO Press Release PR/2019/830 at:

www.wipo.int/pressroom/en/articles/2019/article_0004.html

Chinese telecommunications company, Huawei Technologies Co., Ltd was the top PCT filer for the second year running, with 5,405 applications published in 2018. It was followed by Mitsubishi Electric Corporation (Japan), Intel Corporation (U.S.), Qualcomm Incorporated (U.S.), and ZTE Corporation (China). The top ten applicants are listed below, with the number of PCT applications that were published in their names in 2018:

1. Huawei Technologies Co., Ltd (CN)	5,405
2. Mitsubishi Electric Corporation (JP)	2,812
3. Intel Corporation (US)	2,499
4. Qualcomm Incorporated (US)	2,404
5. ZTE Corporation (CN)	2,080
6. Samsung Electronics Co., Ltd (KR)	1,997
7. BOE Technology Group Co., Ltd (CN)	1,813
8. LG Electronics Inc. (KR)	1,697
9. Telefonaktiebolaget LM Ericsson (Publ) (SE)	1,645
10. Robert Bosch Corporation (DE)	1,524

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 with 501 published applications. The top 10 consists of five U.S. institutions and five Asian institutions – Chinese universities appear in the top 10 list for the first time. More detailed information on filings by educational institutions is available in the press release (Annex 3).

As far as PCT filings by field of technology are concerned, digital communication (8.6% of the total) overtook computer technology (8.1%) with the largest share of published PCT applications. They were followed by electrical machinery, apparatus, energy (7%), medical technology (6.7%) and transport (4.6%). Among the top 10 technologies, transport (+11.3%), digital communication (+10.1%) and semiconductors (+9.8%) were the fields with the highest rates of growth in 2018. 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 2018 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 26th session of the Meeting of International Authorities under the PCT was held in Cairo, Egypt, from 13 to 14 February 2019. The Summary by the Chair and working documents can be found on the WIPO website at:

www.wipo.int/meetings/en/details.jsp?meeting_id=50526

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/26/13);
- a status report on the PCT Minimum Documentation Task Force led by the European Patent Office (document PCT/MIA/26/8), where the Meeting agreed on the possibility of convening a physical meeting of the Task Force to discuss the technical requirements for patent collections to be part of the PCT Minimum Documentation;
- proposals to amend the PCT International Search and Preliminary Examination Guidelines made by the Japan Patent Office with the aim of strengthening links between the international and national phases of the PCT procedure (document PCT/MIA/26/6);
- a progress report in relation to introducing 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; the IB intends to submit proposals to implement netting in the PCT legal framework at the twelfth session of the PCT Working Group (document PCT/MIA/26/3);
- 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/26/2);
- the operational phase of a third pilot on collaborative search and examination between the IP5 Offices that began in July 2018 and will run for three years, where Offices were beginning to accept applications for the pilot in languages other than English (document PCT/MIA/26/4);
- safeguards when an applicant is unable to meet a time limit in the event of unavailability of electronic communications at an Office (document PCT/MIA/26/5);
- providing a legal basis in the PCT for correction or addition of indications under PCT Rule 4.11 (relating to references to a continuation or continuation-in-part or a parent application or grant) (document PCT/MIA/26/7);
- the use of national classification symbols in international applications (document PCT/MIA/26/10);
- a proposal made by the China National Intellectual Property Administration to promote the improvement of the international search report and written opinion, and, in relation to this, to design and conduct a survey for providers and users of these work products, including examiners, applicants and third parties (document PCT/MIA/26/11); and
- a proposal made by the Indian Patent Office that would remove the step of a receiving Office specifying the International Searching and Preliminary Examining Authorities that are competent for searching and examining international applications filed at that Office, with applicants instead being able to choose any Authority for international search (document PCT/MIA/26/12).

Authorities expressed appreciation for 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/26/9). On this subject, Authorities noted the need for data to be created according to consistent standards for exchange between Offices and re-use in the

different stages of the application process. Authorities also emphasized the importance of sharing detailed plans to ensure alignment between Offices in their electronic services, particularly in the bibliographic data in the request form, conversion of application bodies from formats such as DOCX and XML for search and examination reports.

Electronic Filing and Processing of International Applications

Kenya Industrial Property Institute to begin receiving and processing international applications in electronic form

The Kenya Industrial Property Institute, in its capacity as receiving Office, has notified the International Bureau (IB) under PCT Rule 89*bis*.1(d) that it is prepared to receive and process international applications in electronic form with effect from 1 April 2019.

The Office will accept international applications filed in electronic form using ePCT-Filing. The applicable electronic filing fee reductions listed in item 4 of the Schedule of Fees are indicated in Fee Table I(a).

The notification containing the requirements and practices of the Office with regard to the filing of international applications in electronic form has been published in the *Official Notices (PCT Gazette)* on 21 February 2019 at:

www.wipo.int/pct/en/official_notices/index.html

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

WIPO Digital Access Service for Priority Documents

It is recalled that, by using the WIPO Digital Access Service for Priority Documents (DAS), a PCT applicant can request the International Bureau (IB) to retrieve a copy of an earlier application from DAS for use as a priority document, instead of providing or arranging for the provision of a certified copy. Note that, in order to be able to make use of the DAS service, it is the office with which the earlier application was filed which needs to be a DAS depositing Office, and not necessarily the receiving Office with which the international application is filed.

National Intellectual Property Center of Georgia (SAKPATENTI)

The National Intellectual Property Center of Georgia (SAKPATENTI) has notified the International Bureau (IB) that, with effect from 1 April 2019, it will commence operation as both a depositing and an accessing Office of DAS.

For further information, see:

www.wipo.int/das/en/participating_offices/details.jsp?id=10738

Israel Patent Office

The Israel Patent Office has notified the IB that, with effect from 1 May 2019, it will commence operation as both a depositing and an accessing Office of DAS.

For further information, see:

www.wipo.int/das/en/participating_offices/details.jsp?id=10740

Collaborative Search and Examination Pilot News

PCT Newsletter No. 07-08/2018 contained details of a Collaborative Search and Examination (CS&E) pilot, whereby the IP5 Offices², upon the applicant's specific request to participate, all contribute towards the international search report and the written opinion of the International Searching Authority (ISA) for a particular international application. Each participating Office plans to process around 50 international applications as main ISA during the first year (July 2018 to June 2019) and a similar quantity in the second year (July 2019 to June 2020).

News about participating Offices

Japan Patent Office (JPO)

It is recalled that, initially, the JPO as main ISA within the framework of the CS&E pilot accepted requests for participation in the pilot in respect of international applications filed in English. As from 1 April 2019, the JPO will accept requests for participation in respect of international applications filed in Japanese. Please note that, where such an application has been provisionally accepted for the pilot project, an English translation of the application must be submitted within one month of the date of notification of the provisional acceptance. Further information is available at:

www.jpo.go.jp/system/patent/pct/seido/document/pct_kyoudouchousa_shikou/pilot_project_e.pdf

European Patent Office (EPO)

It is recalled that the EPO as main ISA within the framework of the CS&E pilot had already reached the first year's quota of international applications in English by September 2018 (*PCT Newsletter* No. 09/2018), and that on 1 January 2019, it started accepting international applications filed in French or German (*PCT Newsletter* No. 12/2018). The EPO has announced that the necessary quota of applications in French and German has not yet been reached, and that it is still possible for a limited number of applicants filing in those languages to participate in the pilot, noting that, where such an application has been provisionally accepted for the pilot project, an English translation of the application must be submitted within one month of the date of notification of the provisional acceptance. Further information is available at:

www.epo.org/service-support/updates/2019/20190220.html

United States Patent and Trademark Office: Not Open for Business on 20 February 2019

Because of bad weather conditions, the United States Patent and Trademark Office (USPTO) was not open to the public for the purposes of the transaction of official business on 20 February 2019, which was considered to be a Federal holiday. Consequently, pursuant to PCT Rule 80.5, if the expiration of any period during which any document or fee in connection with an international application was required to reach the Office fell on that day, that period was extended so as to expire on the next succeeding business day, which was 21 February 2019. A notice concerning the Office closure has been published on the USPTO website at:

www.uspto.gov/sites/default/files/documents/closure-20190220.pdf

² The China National Intellectual Property Administration, the European Patent Office, the Japan Patent Office, the Korean Intellectual Property Office and the United States Patent and Trademark Office.

PCT Information Update

CN China (name of Office)

The National Intellectual Property Administration, PRC (CNIPA) has clarified to the IB that the name of the Office in English is China National Intellectual Property Administration (CNIPA).

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

CO Colombia (fees)

On 1 January 2019, there was a change in the amount of the transmittal fee, payable to the Superintendence of Industry and Commerce (Columbia) as receiving Office, and a different amount for electronic filings is now payable, as follows:

Transmittal fee:

- electronic filing:	COP 400,000
- paper filing:	COP 480,000

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

GR Greece (language of filing)

The Industrial Property Organization (OBI) (Greece), in its capacity as receiving Office, has notified a change in its requirements concerning the language of filing of international applications – with effect from 1 January 2019, it accepts international applications filed in Greek, in addition to English, French and German.

It should be noted, however, that if an international application is filed in Greek, a translation would have to be furnished in accordance with PCT Rule 12.3.

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

IS Iceland (location and mailing address)

The location and mailing address of the Icelandic Patent Office has changed, as follows:

Location and mailing address: Engjateigi 3
IS-105, Reykjavík
Iceland

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

JP Japan (Internet address)

The Internet address of the Japan Patent Office has changed, as follows:

Internet: www.jpo.go.jp/e/index.html

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

KE Kenya (electronic filing)

For information on the acceptance, with effect from 1 April 2019, by the Kenya Industrial Property Institute as receiving Office of international applications filed using ePCT-Filing, as well as information on the electronic filing fee reductions listed in item 4 of the Schedule of Fees that will be applicable, see “Electronic Filing and Processing of International Applications”, above.

KZ Kazakhstan (telephone numbers; means of telecommunication; provisions concerning international-type search)

The telephone numbers of the National Institute of Intellectual Property (NIIP) (Kazakhstan) have changed, as follows:

Telephone: (7-7172) 62 15 15, 62 15 16

The Office has notified the IB that it has discontinued the use of its facsimile machine and no longer accepts the filing of documents by fax.

Furthermore, there has been a change in the provision of the law of Kazakhstan concerning international-type search. The relevant provision is now: Article 22(7) of the Patent Law.

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

Search fee (National Institute of Industrial Property (Brazil))

As from 1 May 2019, there will be a change in the amount payable in CHF 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))

Copies of documents cited in the international search report, the supplementary international search report and the international preliminary examination report (Canadian Intellectual Property Office, Federal Service for Intellectual Property (Rospatent) (Russian Federation), Finnish Patent and Registration Office (PRH), Israel Patent Office, Japan Patent Office, Ministry of Economic Development and Trade of Ukraine – Department for Intellectual Property, National Institute of Industrial Property (Chile))

The following Offices, in their capacities as International Searching and Preliminary Examining Authorities, and, where applicable, Authorities specified for supplementary search, have clarified how applicants and designated or where applicable, elected Offices, can obtain copies of documents cited in the international search report, the supplementary international search report and the international preliminary examination report:

Canadian Intellectual Property Office

Federal Service for Intellectual Property (Rospatent) (Russian Federation)

Finnish Patent and Registration Office (PRH)

Israel Patent Office

Japan Patent Office

Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property

National Institute of Industrial Property (Chile)

Details are available in Annexes D (CL, FI, IL, JP, RU, UA), SISA (FI, RU, UA) and E (CA, CL, FI, IL, JP, RU, UA) of the *PCT Applicant's Guide*.

New/Updated PCT Resources

Administrative Instructions under the PCT

Modifications have been made, with effect from 1 April 2019, to Appendix I to Annex F of the Administrative Instructions under the PCT. The changes relate to the PCT demand form (PCT/IPEA/401) and the fee calculation sheet annexed to the demand form, and the fee calculation sheet annexed to the PCT request form (PCT/RO/101).

The consolidated text of Appendix I, as in force from 1 April 2019, which includes those modifications, is available in English and French, in PDF format at, respectively:

www.wipo.int/pct/en/texts/pdf/ai_dtd_13.pdf

www.wipo.int/pct/fr/texts/pdf/ai_dtd_13.pdf

PCT Applicant's Guide (Spanish version)

Further to the information published in *PCT Newsletter* No. 02/2019, the Spanish version of the "Introduction to the International Phase" of the *PCT Applicant's Guide*, which contains detailed information on the international phase of the PCT, was updated on 31 January 2019, and has now been published at:

www.wipo.int/pct/es/appguide/

Quality reports

It is recalled that the International Searching and Preliminary Examining Authorities submit annual reports on the quality management systems which they have implemented for their work as International Authorities³. The reports for 2018 are now available at:

www.wipo.int/pct/en/quality/authorities.html

PCT in the News

A link to the following article in the *WIPO Magazine* (No. 1/2019) has been added to the "PCT in the News" page of the PCT website at:

www.wipo.int/pct/en/news/pct_news.html

³ In accordance with the PCT International Search and Preliminary Examination Guidelines, paragraphs 21.26 and 21.27.

Elaphe: driving the development of electric vehicles

For over a century, the internal combustion engine has dominated the auto industry. However, concerns about the environmental impact of motoring and road safety are fueling interest in electric vehicles and the market for in-wheel motors. Vehicle propulsion by in-wheel motors is simple and energy-efficient, as the motors are placed in, and directly power, the wheels of a vehicle. For the last 15 years, Elaphe Propulsion Technologies, a Slovenian company based in Ljubljana, has been at the forefront of in-wheel motor design and manufacturing. The company's Chief Technology Officer, Gorazd Gotovac spoke to *WIPO Magazine* about Elaphe's experience of using the PCT:

"Elaphe has used the PCT extensively and for several reasons. The process is simple and provides a search report, which can supplement our own research on the state of the art. In a dynamic environment where new innovation is born every day, the timeframe of the PCT process gives us a certain freedom to delay strategic decisions until such time as the market and product information is clearer and the economic benefit of pursuing a patent is easier to evaluate," Mr. Gotovac explains.

The *WIPO Magazine* is available at

www.wipo.int/wipo_magazine/en/index.html

and issue No. 1/2019 is available at:

www.wipo.int/wipo_magazine/en/2019/01/

New Fee Refund Procedures at the European Patent Office

The European Patent Office (EPO) has notified the International Bureau that, as from 1 April 2019, applicants will be able to choose to have refunds credited to either a deposit account held with the EPO or a bank account⁴. Fees will no longer be refunded by cheque.

Under the revised refund procedures, users will also have more flexibility with respect to their choice of refund recipient, as the EPO will refund fees to **any** deposit account indicated by the applicant/agent in the refund instructions. When filing an international application with the EPO, please therefore ensure that you provide clear and up-to-date refund instructions. These instructions should preferably be submitted in an electronically processable format (XML), via EPO Online Filing⁵, new online filing (CMS), ePCT or PCT-SAFE. For entry into the European phase they should be filed using Form 1200e.

If the EPO cannot make a refund to a deposit account, it will invite the party concerned to claim the refund via its website. For security reasons, the EPO will send two communications to that party. The first one will be the refund advice (for example, Form PCT/ISA/213) and the second one will contain the code required to identify and claim the refund. To claim the refund, please go to: www.epo.org/fee-payment-service/en/refund and register with an e-mail address and

⁴ Please note that the EPO does not make refunds to credit cards (OJ EPO 2017, A73, point IV).

⁵ Refund instructions (PCT international phase) can be made on Form PCT/RO/101 submitted via ePCT, PCT-SAFE or via EPO Online Filing and new online filing (CMS) once the PCT-SAFE release of April 2019 has been incorporated into the systems. It is, however, also possible to submit refund instructions as subsequently filed instructions (eOLF: PCT-SFD, PCT-DEMAND; CMS: Form 1038 PCT; ePCT: DEMAND) from 1 April 2019 via these three means of filing. Any other means of online filing available at the EPO may be used without limitation to submit refund instructions as from 1 April 2019. Users will be informed via the EPO website (www.epo.org/pct).

password. The link between the two communications is the applicant/agent's file reference and/or the filing date of the application.

Once you have registered and signed in, all you need to do is enter the application number, refund code and details of the bank account concerned. You can also indicate a deposit account held with the EPO. Further information is available in the "Notice from the European Patent Office dated 27 February 2019 concerning the fee refund procedures" at:

www.epo.org/law-practice/legal-texts/official-journal/information-epo/archive/20190305.html

World Intellectual Property Day 2019: Reach for Gold: IP and Sports

This year's World Intellectual Property Day "Reach for Gold: IP and Sports" takes a closer look inside the world of sports. It explores how innovation, creativity and the intellectual property (IP) rights that encourage and protect them support the development of sport and its enjoyment around the world.

In 2000, WIPO Member States designated 26 April – the day on which the WIPO Convention came into force in 1970 – as World Intellectual Property Day (World IP Day), with the aim of increasing general understanding of IP. Since then, World IP Day has offered a unique opportunity each year to join with others around the globe to consider how IP contributes to music and the arts and to driving the technological innovation that helps shape our world.

For further information on World IP Day, as well as suggestions as to how you can get involved in World IP Day activities, visit the WIPO website at:

www.wipo.int/ip-outreach/en/ipday/

From here, you will find campaign materials and links to an interactive events map showing World IP Day events that are taking place around the world.

Join us in celebrating the power of sports to engage and inspire, to innovate and unite us all in pushing the boundaries of human achievement.

Practical Advice

Filing strategies: factors to consider when deciding whether to file an international application with a national (or, where applicable, regional) Office or the International Bureau as receiving Office – an example of a US resident who is a national of Canada

Q: I am a US patent agent and have been approached by a client who is resident in the US and a national of Canada. The invention that my client wishes to protect was the subject of an earlier national filing in the US. My client intends to file a PCT application and possibly sell the rights to it in the future. As there may be a new applicant from an Asian country during the international phase, what factors do I need to take into account when deciding which receiving Office to file the application with?

A: In accordance with PCT Rule 19.1, the international application should be filed with the national Office of the Contracting State of which the applicant is a national and/or resident, or with the International Bureau as receiving Office (RO/IB).

Because of the nationality and residence of your client (hereinafter “the applicant”), he/she has the option of filing the PCT application with the receiving Offices (ROs) of the United States of America (RO/US), Canada (RO/CA) or RO/IB.

Several factors may affect an applicant's choice of RO, including:

- national security considerations;
- agent's right to practice before the RO;
- choice of International Searching Authorities (ISAs) and International Preliminary Examining Authorities (IPEAs);
- language(s) accepted by the RO;
- whether electronic filing is possible with the RO;
- whether the RO has any outstanding notifications of incompatibility in relation to certain safeguard provisions (such as restoration of the right of priority under PCT Rule 26bis.3);
- in the event of filing close to the expiration of the 12-month priority period, the time zone difference and the hours of operation of the RO; and
- cost of filing at the Office concerned (the transmittal fee and certain other fees which may have to be paid for the benefit of the RO vary amongst Offices) and whether the RO offers any fee reductions, as well as modalities of payment of fees.

We will look at some of the specific points that you may wish to consider when deciding with which RO to file the application, given the circumstances outlined in your question. Note that these are not exhaustive, and there may be other issues to consider.

National security considerations

In most cases, you are considered to have permission to file with another Office if you have either filed an application for the same invention at the relevant national Office a certain amount of time previously (which varies from Office to Office) and have not received a security notice stating that you should not file elsewhere, or if you have explicitly requested and been granted permission. Note that the United States law includes restrictions on the filing of patent applications for inventions made in the country. Known national legislation which restricts the filing of international applications with other Offices for reasons of national security are summarized at:

www.wipo.int/pct/en/texts/nat_sec.html

Filing with RO/US: Where the subject matter of the international application is identical to that of the earlier application, the priority of which is claimed in the international application, and the international application is filed with the same Office as the earlier application, any necessary security checks will normally already have been carried out by the time you file the international application. If this is not the case, RO/US will not forward the application to the IB for processing (nor to the ISA for the purposes of international search) until such time as the national security clearance has been given.

Filing with RO/CA or RO/IB: if you file directly with either RO/IB or RO/CA, neither of these Offices will carry out a check of national security prescriptions – you would be responsible for

ensuring that the PCT application complies with any U.S. national security requirements before filing.

Choice of ISAs and IPEAs

It could be useful, where possible, to choose an ISA which would search prior art that is particularly relevant to the region where protection is ultimately sought. For example, if protection will be sought in Japan, it may be useful to choose ISA/JP as that Office may find relevant prior art in Japanese, which may not be accessible to other ISAs for language reasons. Please also bear in mind that if you obtain positive search/examination results from an ISA (or IPEA) which is the same Office from which you ultimately wish to obtain a patent, this should make it easier to obtain positive results before that Office upon national examination. However, choice of ISA (or IPEA) is limited, depending on the RO with which you file your international application.

RO/US: you would have a wide choice of ISAs (and IPEAs) as RO/US has specified the following ISAs (and IPEAs): the patent Offices of Australia (AU), Israel (IL), Japan (JP), the Republic of Korea (KR), the Russian Federation (RU), Singapore (SG) and U.S., and the European Patent Office (EP).

RO/CA: the Office has specified only itself as ISA (or IPEA), so you would not be able to choose any other Office as ISA (or IPEA) if you file with it.

RO/IB: the competent ISAs (or IPEAs) are the same as would have been competent if the international application had been filed with the national Office of, or acting for, a Contracting State of which the applicant is a resident or national (see PCT Rules 35.3 and 59.1(b)). This means that applicants with different countries of residence and nationality filing an international application with RO/IB may have a wider choice of competent ISAs when compared with filing before a national (or where applicable, regional) Office acting as RO. For instance, in your case, when selecting the ISA, you would be able to expand the ISA/IPEA coverage as you would be able to choose the Offices which have been specified to act as ISA (or IPEA) by RO/US (in view of the applicant's country of residence) as well as by RO/CA (in view of the applicant's nationality).

It is recalled that you can request a supplementary international search by any of the Authorities that offer this service, regardless of the receiving Office with which you file the international application, but the Authority specified for supplementary international search must be different from the Authority that has performed the international search.

Right to practice before the RO

Although none of the three ROs require the applicant to appoint an agent, if an agent is appointed, there are certain requirements which must be met.

RO/US: provided that you are registered to practice with the USPTO, you are entitled to act as an agent for the international application if you file with RO/US.

RO/CA: the agent must be a person or firm entitled to practice before the Office. If you are not entitled to act before RO/CA, and the applicant wishes to be represented by an agent before that Office, he/she would have to appoint another agent who meets that requirement. Otherwise, you could be included as an address for correspondence, however, any submission to the RO or the International Authorities would have to be signed by the applicant.

RO/IB: while any resident or national of a PCT Contracting State may file an international application directly with RO/IB (PCT Rule 19.1(a)(iii)), and the RO/IB is in that sense considered a “universal RO”, it is not the case that any agent could act as agent before the RO/IB – the right to practice is governed by PCT Rule 83.1 *bis*⁶ and the question of which agent may act as such for a particular international application is linked to the nationality and residence of all applicants. As the applicant is resident in the US and you are presumably entitled to act before RO/US, you would also be entitled to act as agent before RO/IB for the international application concerned (as would any agent entitled to practice before RO/CA).

For further information on other issues raised in this Practical Advice (for example, permitted language(s) of filing, whether electronic filing is available at the RO, amounts of fees payable, information on restoration of the right of priority under PCT Rule 26*bis*.3 and criteria applied), please refer to the *PCT Applicant’s Guide*, Annexes B and C, in respect of the Office concerned, at:

www.wipo.int/pct/en/guide/index.html

and to find out whether an RO has any outstanding notifications of incompatibility which may influence the RO with which you may file, please refer to the table at:

www.wipo.int/pct/en/texts/reservations/res_incomp.html

Another useful resource for comparing Office information is the “Office Profile” in the “ePCT Reference Data Lookup” at:

<https://pct.wipo.int/ePCTExternal/pages/home.xhtml>

⁶ In accordance with PCT Rule 83.1*bis*(a), any person who has the right to practice before the national Office of, or acting for, a PCT Contracting State of which the applicant, or if there are two or more applicants, any of the applicants is resident or national shall be entitled to practice in respect of the international application before the RO/IB.

PCT Seminar Calendar

(<http://www.wipo.int/pct/en/seminar/seminar.pdf>)
(situation on 18 March 2019)

Dates and location	Language of seminar	Nature of seminar; WIPO speakers (and others where known)	Organizer and contact numbers
20 March 2019 Thimphu (BT)	English	PCT National Seminar WIPO speaker: Ms. Aeri	Industrial Property Division, Department of Intellectual Property (DIP), Ministry of Economic Affairs (Mr. Tempa Tshering) E-mail: tempatshering@moea.gov.bt
25 March 2019 Shenzhen City (CN)	Chinese/ English	Advanced Roving Seminar on the PCT WIPO speakers: Mr. Reischle and Mr. Yu	WIPO in cooperation with the China National Intellectual Property Administration (CNIPA) (Ms. Wenjing Yang) Tel: (86-10) 62 08 68 84 E-mail: yangwenjing@sipo.gov.cn
28 March 2019 Hangzhou City (CN)	Chinese/ English	Advanced Roving Seminar on the PCT WIPO speakers: Mr. Reischle and Mr. Yu	See Shenzhen City, above
31 March- 4 April 2019 Abu Dhabi (AE)	English	WIPO workshop on the Patent Cooperation Treaty (PCT) WIPO speaker: Mr. Jazairy	International Center for Patent Registration (ICPR), Ministry of Economy (Mr. Khalfan Ahmed Al Suwaidi) E-mail: kalsuwaidi@economy.ae
4 April 2019 Sydney (AU)	English	PCT presentation within the framework of the IP Summit 2019 WIPO speaker: Mr. Bryan Other WIPO speakers on other IP topics: Mr. Wilbers, Ms. Valdimarsdóttir, Ms. Amman	WIPO in cooperation with IP Australia (Ms. Tanya Duthie) E-mail: tanya.duthie@ipaaustralia.gov.au
4 April 2019 San Jose, CA (US)	English	Advanced PCT seminar within the framework of the Global IP Conference (3-4 April 2019) Speaker on behalf of WIPO: Mr. Oppedahl	Schwegman, Lundberg & Woessner (Ms. Brianna Williams) E-mail: bewilliams@slwip.com Registration: https://www3.slwip.com/2019-global-ip-conference
8 April 2019 Auckland (NZ)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Bryan Other WIPO speakers on other IP topics: Mr. Wilbers, Ms. Valdimarsdóttir, Ms. Amman	Intellectual Property Office of New Zealand (IPONZ) (Ms. Tao Morton) E-mail: tao.morton@mbie.govt.nz (Ms. Tanya Mackey) E-mail: Tanya.Mackey@ipaaustralia.gov.au
9 April 2019 Athens (GR)	English/Greek	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: Ms. Lähdesmäki, Ms. Gobechia, Ms. Montillot, Ms. Zikova	Industrial Property Organization (OBI) (Greece) (Ms. Myrto Lambrou Maurer) Tel: (30-210) 618 35 49 Fax: (30-210) 681 92 31 E-mail: mlab@obi.gr
9 April 2019 Wellington (NZ)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Bryan Other WIPO speakers on other IP topics: Mr. Wilbers, Ms. Valdimarsdóttir, Ms. Amman	Intellectual Property Office of New Zealand (IPONZ) (Ms. Tao Morton) E-mail: tao.morton@mbie.govt.nz (Ms. Tanya Mackey) E-mail: Tanya.Mackey@ipaaustralia.gov.au

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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
10 April 2019 Treviso (IT)	English and Italian (no interpretation)	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Yu Other WIPO speakers on other IP topics: Mr. Roca Campaña, Mr. Napolitano, Ms. Lähdesmäki	Ministry of Economic Development, Directorate General for the Fight against Counterfeiting-Italian Patent and Trademark Office (Ms. Simona Marzetti) Tel: (39-6) 470 556 78 E-mail: simona.marzetti@mise.gov.it
11 April 2019 Christchurch (NZ)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Bryan Other WIPO speakers on other IP topics: Mr. Wilbers, Ms. Valdimarsdóttir, Ms. Amman	Intellectual Property Office of New Zealand (IPONZ) (Ms. Tao Morton) E-mail: tao.morton@mbie.govt.nz (Ms. Tanya Mackey) E-mail: Tanya.Mackey@ipaustalia.gov.au
11 April 2019 Thessaloniki (GR)	English/Greek	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: Ms. Lähdesmäki Ms Gobechia, Ms. Montillot, Ms. Zikova	Industrial Property Organization (OBI) (Greece) (Ms. Myrto Lambrou Maurer) Tel: (30-210) 618 35 49 Fax: (30-210) 681 92 31 E-mail: mlab@obi.gr
14 May 2019 Paris (FR)	French	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Bonvallet Other WIPO speakers on other IP topics: Mr. Mazenc, Mr. Vázquez López and other speaker to be announced	National Institute of Industrial Property (INPI) (Ms. Martine Clemente) Tel : (33-01) 56 65 83 93 E-mail: mclemente@inpi.fr
16 May 2019 Strasbourg (FR)	French	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Bonvallet Other WIPO speakers on other IP topics: Mr. Mazenc, Mr. Vázquez López and other speaker to be announced	National Institute of Industrial Property (INPI) (Ms. Martine Clemente) Tel : (33-01) 56 65 83 93 E-mail: mclemente@inpi.fr
16 May 2019 Ecully (FR)	French	PCT seminar WIPO speaker: Ms. Schumm	Centre Paul Roubier Tel: (33-4) 78 33 07 08 Fax: (33-4) 78 33 58 96
20 May 2019 Tokyo (JP)	Japanese	PCT presentation within the framework of a Seminar on WIPO's Global IP Services WIPO speakers: Ms. Kurokawa and Mr. Ushida Other WIPO speakers on other IP topics: Mr. Noda, Mr. Yoshida, Ms. Van Wouw	WIPO Japan Office (Ms. Marina Joyce Anderson) Tel: (81-3) 55 32 50 30 E-mail: japan.office@wipo.int
20-21 May 2019 Tomsk (RU)	Russian	WIPO Workshop on the Patent Cooperation Treaty (PCT) WIPO speaker: Ms. Krysanova	Tomsky Polytechnic University (Ms. Agafonnikova) E-mail: agafonnikova@tpu.ru
21 May 2019 Tokyo (JP)	Japanese	Workshop on the PCT system WIPO speakers: Ms. Kurokawa and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05

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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
21-22 May 2019 Braga (PT)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Kim Other WIPO speakers on other IP topics: Mr. Diaconescu, Ms. Lähdesmäki, Mr. Vázquez López	National Institute of Industrial Property (Portugal), Spanish Patent and Trademark Office and International Iberian Nanotechnology Laboratory (Ms. Inês Vieira Lopes) Tel: (351) 218 818 167 Fax: (351) 218 878 508 E-mail: ines.v.lopes@inpi.pt
22 May 2019 Osaka (JP)	Japanese	Workshop on the PCT system WIPO speakers: Ms. Kurokawa and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05
23 May 2019 Nagoya (JP)	Japanese	Workshop on the PCT system WIPO speakers: Ms. Kurokawa and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05
23 May 2019 Moscow (RU)	Russian	Master class: Patent Cooperation Treaty WIPO speakers: Ms. Krysanova	Russian State Academy of Intellectual Property (Ms. Smirnova) E-mail: info@rgiis.ru
27 May 2019 Helsinki (FI)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Metcalfe Other WIPO speakers on other IP topics: Ms. Lähdesmäki, Ms. Gobechia	Finnish Patent and Registration Office (PRH) (Ms. Satu Laakso) Tel.: (358-29) 509 56 21 E-mail: satu.laakso@prh.fi (Mr. Olli Ilmarinen) Tel.: (358-29) 509 52 36 E-mail: olli.ilmarinen@prh.fi (Ms. Marjo Aalto Setälä) E-mail marjo.aalto-setala@prh.fi
29 May 2019 Oulu (FI)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Metcalfe Other WIPO speakers on other IP topics: Ms. Lähdesmäki, Ms. Gobechia	Finnish Patent and Registration Office (PRH) (see Helsinki, above)
6 June 2019 Glendale, CA (US)	English	PCT course within the framework of the "Patent Administration II: Building on a Solid Foundation" 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
9-10 July 2019 Mannheim (DE)	German	Practical Update on the PCT WIPO speaker: Mr. Reischle-Park	Forum Institut für Management GmbH Tel: (49-6221) 500 660 Fax: (49-6221) 500 965 E-mail: s.schilling@forum-institut.de
10-11 September 2019 Stockholm (SE)	English	Advanced PCT seminar WIPO speakers: Mr. Reischle-Park and Ms. Mohri	IP-Akademin (Ms. Rut Herbjørnsen) Tel: (46-708) 808 342 E-mail: info@ipakademin.se Internet: www.ipakademin.se
19 September 2019 Atlanta, GA (US)	English	PCT course within the framework of the "Patent Administration I: 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
26 September 2019 London (GB)	English	PCT seminar within the framework of the 18 th Annual Conference for Senior Patent Administrators (26-27 September) WIPO speaker: Mr. Reischle-Park	Management Forum Ltd. (Ms. Angela Spall) E-mail: angela.spall@falconbury.co.uk

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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
15-16 October 2019 Lille (FR)	French	Basic PCT seminar: "Les procédures de la demande internationale de brevet (PCT) – initiation" WIPO speaker: to be announced	Institut national de la propriété industrielle (INPI) E-mail: academie@inpi.fr
7 November 2019 Philadelphia, PA (US)	English	PCT course within the framework of the "Patent Administration II: Building on a Solid Foundation" 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
13-15 November 2019 Mainz (DE)	German	PCT presentation on latest developments in the PCT within the framework of the 9 th PAFA-Tagung 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
21-22 November 2019 London (GB)	English	Advanced PCT Formalities seminar, including practical presentations on ePCT WIPO speaker: to be announced	Management Forum Ltd. (Ms. Angela Spall) E-mail: angela.spall@falconbury.co.uk
21-22 November 2019 Cary, NC (US)	English	PCT seminar Speaker on behalf of WIPO: to be announced Other speaker: to be announced	North Carolina Bar Association (Ms. Toyce Southern) E-mail: tsouthern@kilpatricktownsend.com
26 November 2019 Brussels (BE)	French	PCT seminar within the framework of the basic CEIPI course WIPO speaker: to be announced	Centre d'études internationales de la propriété industrielle (CEIPI), International Department (Ms. Christiane Melz) E-mail: christiane.melz@ceipi.edu
28 November 2019 Basel (CH)	English	PCT seminar within the framework of the basic CEIPI course WIPO speaker: to be announced	Centre d'études internationales de la propriété industrielle (CEIPI), International Department (Ms. Christiane Melz) E-mail: christiane.melz@ceipi.edu

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
19 March 2019 17:30–18:30 CET or 21 March 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: PATENTSCOPE for beginners WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/1363658697274907139
30 April 2019 17:30–18:30 CET or 2 May 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: PATENTSCOPE for experts WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/5502715244456302339
21 May 2019 17:30–18:30 CET or 23 May 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Translation tools in PATENTSCOPE WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/1857184387006862083
18 June 2019 17:30–18:30 CET or 20 June 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Chemical structure search WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/1699217551444301571

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PCT Webinars [continued]

(<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
23 July 2019 17:30–18:30 CET or 25 July 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: How to read your search results WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/5297849839922624515
20 August 2019 17:30–18:30 CET or 22 August 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Find documents published in languages you don't know WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/8768434103741781507
24 September 2019 17:30–18:30 CET or 26 September 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Overview of the PATENTSCOPE search system WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/5853500135647166467
15 October 2019 17:30–18:30 CET or 17 October 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: How to build complex queries WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/5746100939357645059
19 November 2019 17:30–18:30 CET or 21 November 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Chemical structure search WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/6370369556748451587
10 December 2019 17:30–18:30 CET or 12 December 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Retrospective of 2019 and plans for 2020 WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/3849374112211650563

PCT Events Without WIPO speakers¹

Dates and location	Language of event	Nature of seminar; Speakers	Organizer and contact numbers
29 March 2019 Concord, NH (US)	English	21 st 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), 10-14 April 2019**

The 47th International Exhibition of Inventions Geneva will take place in Geneva from 10 to 14 April 2019. For further information, see: www.inventions-geneva.ch/en/

World IP Day, 26 April 2019

Celebrations of World IP Day will take place in various places. For further information, including a map showing where different World IP Day events will be taking place, see: www.wipo.int/ip-outreach/en/ipday/

International Trade Fair for Ideas – Inventions – New Products (iENA), Nuremberg (Germany), 31 October-3 November 2019

The international trade fair for “Ideas – Inventions – New Products” will take place in Nuremberg from 31 October to 3 November 2019. For further information, see: 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 2019, 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 –	BHD	Bahraini dinar	GHS	Ghanaian cedi	MAD	Moroccan dirham	SGD	Singapore dollar
IA	international application	BND	Brunei dollar	GTQ	Quetzal	MKD	Macedonian denar	THB	Baht
IPEA	International Preliminary Examining Authority	BRL	Brazilian real	HRK	Croatian kuna	MWK	Malawian kwacha	TJS	Tajik somoni
ISA	International Searching Authority	BZD	Belize dollar	HUF	Hungarian forint	MYR	Malaysian ringgit	TND	Tunisian dinar
ISR	international search report	CAD	Canadian dollar	IDR	Indonesian rupiah	NOK	Norwegian krone	TRY	Turkish Lira
RO	receiving Office	CHF	Swiss franc	ILS	New Israeli sheqel	NZD	New Zealand dollar	TTD	Trinidad and Tobago dollar
		CLP	Chilean peso	INR	Indian rupee	OMR	Omani rial	UAH	Ukrainian hryvnia
		CNY	Yuan renminbi	IRR	Iranian rial	PEN	Nuevo sol	USD	US dollar
		COP	Colombian peso	ISK	Icelandic krona	PGK	Kina	UZS	Uzbek sum
		CUC	Cuban convertible peso	JOD	Jordanian dinar	PHP	Philippine peso	VND	Vietnamese dong
		CZK	Czech koruna	JPY	Japanese yen	PLN	Polish zloty	XAF	CFA franc BEAC
ALL	Albanian lek	DJF	Djibouti franc	KES	Kenyan shilling	QAR	Qatari riyal	ZAR	South African rand
AMD	Armenian dram	DKK	Danish krone	KPW	Won (KP)	RON	New leu	ZWD	Zimbabwe dollar
AUD	Australian dollar	DZD	Algerian dinar	KRW	Won (KR)	RSD	Serbian dinar		
AZN	Azerbaijani manat	EGP	Egyptian pound	KZT	Kazakh tenge	RUB	Russian rouble		
BAM	Convertible mark	EUR	Euro	LSL	Lesotho loti	SDG	Sudanese pound		
BGN	Bulgarian lev	GBP	Pound sterling	LYD	Libyan dinar	SEK	Swedish krona		

Table I(a) — Transmittal and international filing fees
(amounts on 1 March 2019, 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 1,352	15	–	–	–	EP RU
AP	USD 50 (or eq in local currency)	USD 1,352	15	–	–	–	AT EP SE
AT	EUR 52	EUR 1,169	13	–	176	264	EP
AU	AUD 200	AUD 1,871	21	–	281	422	AU KR
AZ	AZN 35.40	USD 1,352	15	–	203	305	EP RU
BA	BAM 50	EUR 1,169	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 1,352	15	–	–	–	AT EP US
BN	BND 150	BND eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AU EP JP SG
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 1,352	15	–	–	–	EP
BY	USD 50	USD 1,352	15	–	–	–	EP RU
BZ	BZD 300	USD 1,352	15	–	–	–	CA EP
CA	CAD 300	CAD 1,730	20	–	260	390	CA
CH	CHF 100	CHF 1,330	15	–	200	300	EP
CL	CLP eq USD ⁹ 130	CLP eq USD ⁹ 1,352	eq USD ⁹ 15	–	eq USD 203	eq USD 305	CL EP ES KR US
CN	CNY none ¹⁰	CNY eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	CN
CO	COP online: 400,000 on paper: 480,000	COP eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AT BR CL EP ES KR RU

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

(amounts on 1 March 2019, 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	
CR	USD	250	USD	1,352	15	–	203	305	CL EP ES
CU	CUC	200	CUC	1,352	15	–	203	305	AT BR CL EP ES RU
CY	EUR	191	EUR	1,169	13	–	–	–	EP
CZ	CZK	1,500	EUR	1,169	13	–	176	264	EP XV
DE	EUR	90	EUR	1,169	13	–	176	264	EP
DJ	USD	100	USD	1,352	15	–	–	–	AT EG EP
	or eq DJF								
DK	DKK	1,500	DKK	8,710	100	–	1,310	1,970	EP SE XN
DM	Information not yet available								
DO	USD	275	USD	1,352	15	–	203	305	CL EP ES US
DZ	DZD	None	CHF	1,330	15	–	200	300	AT EP
EA	RUB	1,600	USD	1,352	15	–	203	305	EP RU
EC	USD	– ¹¹	USD	1,352	15	–	–	–	CL EP ES
EE	EUR	120	EUR	1,169	13	–	176	264	EP
EG	USD	142	USD	1,352	15	–	203	305	AT EG EP US
EP	EUR	130	EUR	1,169	13	88	176	264	EP
ES	EUR	74.25	EUR	1,169	13	–	176	264	EP ES
FI	EUR	135	EUR	1,169	13	–	176	264	EP FI SE
FR	EUR	62	EUR	1,169	13	–	176	264	EP
GB	GBP	75	GBP	1,037	12	–	156	234	EP
GD	Information not yet available								
GE	USD ¹²	100	USD	1,352	15	–	203	305	AT EP IL RU US
GH	GHS ¹³	2,500 or 5,000	USD	1,352	15	–	–	–	AT AU CN EP SE
GR	EUR	115	EUR	1,169	13	–	–	–	EP
GT	GTQ eq USD	250	USD	1,352	15	–	–	–	AT BR CL EP ES US
HN	USD	200	USD	1,352	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	377,400	4,300	–	56,800	85,100	EP XV
IB	CHF ¹⁴	100	CHF	1,330	15	–	200	300	See footnote 15
	or EUR ¹⁴	88	or EUR	1,169	13	–	176	264	
	or USD ¹⁴	102	or USD	1,352	15	–	203	305	
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	1,169	13	–	–	–	EP
IL	ILS	550	USD	1,352	15	–	203	305	EP IL US
IN	ILS	557							
	INR	17,600 (paper filing) ¹⁶	USD	1,352	15	–	203	305	AT AU CN EP IN SE US
IR	INR	16,000 (e-filing) ¹⁶							
	IRR	50,000 (natural persons)	IRR eq CHF	1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	CN EP IN RU
IS	IRR	500,000 (legal persons)							
	ISK	17,300	ISK	163,600	1,800	–	24,600	36,900	EP SE XN
IT	EUR	30.99	EUR	1,169	13	–	176	264	EP
JO	USD 100 or eq JOD		USD	1,352	15	–	203	305	AT AU EP US
JP	JPY	10,000 ¹⁷	JPY	154,000	1,700	–	–	34,700	EP JP SG
KE	USD 250 (or KES equiv) plus cost of mailing		USD	1,352	15	–	(from 1.4.19: 203)	(from 1.4.19: 305)	AT AU CN EP SE
KG	None		USD	1,352	15	–	–	–	EP RU
KH	USD	100	USD	1,352	15	–	–	–	CN EP JP SG

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Table I(a) — Transmittal and international filing fees [continued]
(amounts on 1 March 2019, 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	
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 1,352	15	–	–	–	EP RU
LR	USD 45	USD 1,352	15	–	–	–	AT AU CN EP SE
LS	LSL – ¹¹	LSL eq CHF 1,330	eq CHF 15	–	–	–	AT EP
LT	EUR 92	EUR 1,169	13	–	176	264	EP RU XV
LU	EUR 19	EUR 1,169	13	–	–	–	EP
LV	EUR 70	EUR 1,169	13	–	176	264	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
MD	EUR 100	USD 1,352	15	–	–	–	EP RU
ME	EUR – ¹¹	EUR 1,169	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 1,169	13	–	–	–	EP
MW	MWK 6,000	USD 1,352	15	–	–	–	EP
MX	USD 323.70 ²⁰	USD 1,352	15	–	203	305	AT CL EP ES KR SE SG US
MY	MYR 500 (e-filing) ²¹ 550 (paper filing) ²¹	MYR eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AU EP JP KR
NI	USD 200	USD 1,352	15	–	–	–	EP ES
NL	EUR 50	EUR 1,169	13	–	176	264	EP
NO	NOK 800	NOK 11,030	120	–	1,660	2,490	EP SE XN
NZ	NZD 207	NZD 2,044	23	–	307	461	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 1,352	eq USD 15	–	eq USD 203	eq USD 305	AT AU EG EP US
PA	USD 200	USD 1,352	15	–	203	305	BR CL EP ES US
PE	PEN 233.35	PEN eq USD 1,352	eq USD 15	–	eq USD 203	eq USD 305	AT BR CL EP ES KR US
PG	PGK 250	USD 1,352	15	–	–	–	AU
PH	PHP 4,200	USD 1,352	15	–	203	305	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 10.67 (online filing) EUR 21.33 (paper filing)	EUR 1,169	13	–	176	264	EP
QA	QAR 400	QAR eq USD 1,352	eq USD 15	–	eq USD 203	eq USD 305	EG EP US
RO	RON 466	EUR 1,169	13	–	176	264	EP RU
RS	RSD 7,700 ²²	EUR 1,169	13	–	176	264	EP
RU	RUB 1,700	USD 1,352	15	–	203	305	EP RU
RW	Information not yet available						
SA	USD 100	USD 1,352	15	–	203	305	CA EG EP KR RU
SC	USD – ¹¹	USD 1,352	15	–	–	–	EP
SD	SDG 50	SDG eq CHF 1,330	eq CHF 15	–	–	–	EG EP
SE	SEK 1,200	SEK 12,100	140	–	1,820	2,730	EP SE XN
SG	SGD 150	SGD 1,854	21	–	279	418	AT AU EP JP KR SG
SI	EUR 91	EUR 1,169	13	–	176	264	EP
SK	EUR 66 ²³	EUR 1,169	13	–	176	264	EP XV
SM	EUR 100	EUR 1,169	13	–	–	–	EP
SV	None ²⁴	USD 1,352	15	–	–	–	CL EP ES

[continued on next page]

Table I(a) — Transmittal and international filing fees [continued]
(amounts on 1 March 2019, 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	
SY	USD — ¹¹	USD 1,352	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 1,352	15	—	—	—	EP RU
TM	USD — ¹¹	USD 1,352	15	—	—	—	EP RU
TN	TND — ¹¹	CHF 1,330	15	—	—	—	EP
TR	None	CHF 1,330	15	—	200	300	EP TR
TT	TTD 750	USD 1,352	15	—	—	—	AT CL EP SE US
UA	UAH (or eq EUR or USD) ²⁵ 1,300	USD (or eq UAH or EUR) 1,352	15	—	—	—	EP RU UA
UG	Information not yet available						
US	USD 240 ²⁶ small entity ²⁷ : 120 ²⁶ micro entity ²⁷ : 60 ²⁶	USD 1,352	15	102	203	—	AU EP IL JP KR RU SG US
UZ	UZS 306,830 ²⁸	USD 1,352	15	—	—	—	EP RU
VN	VND 300,000	CHF 1,330	15	—	—	—	AT AU EP JP KR RU SE SG
ZA	ZAR 500	ZAR 19,200	220	—	2,890	4,330	AT AU EP US
ZM	USD 50	USD 1,352	15	—	—	—	AT SE
ZW	ZWD 6,000	ZWD eq USD 1,352	eq USD 15	—	—	—	AT AU CN EP RU

Table I(b) — Search fees
(amounts on 1 March 2019, unless otherwise indicated)

ISA	Search fee ¹								
AT ²⁹	EUR 1,775	CHF 2,020	KRW 2,279,000	SGD 2,820	USD 2,053	ZAR 29,160			
AU	AUD 2,200	CHF 1,564	EUR 1,374	KRW 1,768,000	NZD 2,403	SGD 2,180			
	USD 1,589	ZAR 22,570							
BR ⁸	Online: * (from 1.5.19: CHF 452)	BRL 1,685	CHF* 427	EUR 398	USD 454				
	On paper: * (from 1.5.19: CHF 677)	BRL 2,525	CHF* 640	EUR 596	USD 680				
CA	CAD 1,600	CHF 1,230	EUR 1,081	USD 1,250					
CL	USD 2,000	CHF 1,968	EUR 1,729						
	In case of filing by a natural person or a legal entity ² :	USD 400	CHF 394	EUR 346					
	In case of filing by a university ³⁰ :	USD 300	CHF 295	EUR 259					
CN	CNY 2,100	CHF 301	EUR 264	USD 306					
EG ³¹	EGP 4,000	CHF 219	EUR 193	USD 223					
EP ³²	EUR 1,775	CHF 2,020	DKK 13,230	GBP 1,576	HUF 573,200	ISK 249,900			
	JPY* 234,000	NOK 16,760	NZD 3,105	SEK 18,380	SGD 2,820	USD 2,053			
	ZAR 29,160	*(from 1.4.19: JPY 221,700)							
ES ³²	EUR 1,775	CHF 2,020	USD 2,053						
FI	EUR 1,775	CHF 2,020	USD 2,053						
IL	ILS 3,567	CHF 948	EUR 842	USD 963					
IN	INR 10,000	CHF 134	EUR 118	USD 137					
	In case of filing by an individual:								
	INR 2,500	CHF 34	EUR 30	USD 34					
JP ¹⁷	For IAs in Japanese: JPY 70,000	CHF 604	EUR* 531	KRW 683,000	USD 614				
	*(from 1.4.19: EUR 560)								
	For IAs in English: JPY 156,000	CHF 1,347	EUR* 1,183	SGD 1,878	USD 1,369				
	*(from 1.4.19: EUR 1,249)								

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Table I(b) — Search fees [continued]
(amounts on 1 March 2019, unless otherwise indicated)

ISA	Search fee ¹											
KR	For IAs in Korean:											
	KRW	450,000	AUD	560	CHF	398	EUR	350	NZD	612	SGD	555
	USD	405										
	For IAs in English:											
KR	KRW	1,300,000	AUD	1,618	CHF	1,150	EUR	1,010	NZD	1,767	SGD	1,603
	USD	1,169										
RU	For IAs in Russian:											
	RUB	8,500	CHF	128	EUR	112	USD	130				
	For IAs in English:											
RU	RUB	40,000	CHF	602	EUR	529	USD	612				
SE	SEK	18,380	CHF	2,020	DKK	13,230	EUR	1,775	ISK	249,900	NOK	16,760
	USD	2,053										
SG	SGD	2,240	CHF	1,607	EUR	1,412	JPY	186,100	USD	1,633		
TR	TRY	12,210	CHF	2,020	EUR	1,775	USD	2,053				
UA	For IAs in Ukrainian or Russian:				EUR	100	CHF	114	USD	116		
	For IAs in English, French or German:				EUR	300	CHF	341	USD	347		
US	USD	2,080	CHF	2,046	EUR	1,798	NZD	3,145	ZAR	29,540		
	For small entity ²⁷ :		USD	1,040	CHF	1,023	EUR	899	NZD	1,573	ZAR	14,770
	For micro entity ²⁷ :		USD	520	CHF	512	EUR	450	NZD	786	ZAR	7,390
XN	DKK	13,230	CHF	2,020	EUR	1,775	ISK	249,900	NOK	16,760	SEK	18,380
	USD	2,053										
XV	EUR	1,775	CHF	2,020	HUF	573,200	USD	2,053				

Table I(c) — Supplementary search fees
(amounts on 1 March 2019, unless otherwise indicated)

ISA	Supplementary search fee	Supplementary search handling fee ^{2, 33}
AT	– for a search of German-language documentation: CHF 967	CHF 200
	– for a search of European and North American documentation: CHF 1,354	
	– for a search of PCT minimum documentation: CHF 1,935	
EP	CHF 2,020	CHF 200
FI	CHF 2,020	CHF 200
RU	CHF 178	CHF 200
	CHF 284 ³⁴	
SE	CHF 2,020	CHF 200
SG	CHF 1,607	CHF 200
TR	– for a full search: CHF 2,020	CHF 200
	– for a search only of documents in Turkish held in the search collection of the Authority: CHF 83	
UA	– for a search of the documents in the search collection of the Authority, including the PCT minimum documentation: CHF 102	CHF 200
	– for a search of only the European and North American documentation: CHF 102	
	– for a search of only the Russian language documentation of the former USSR and the Ukrainian language documentation: CHF 80	
	– for a search where a declaration referred to in PCT Article 17(2)(a) has been made because of subject matter referred to in PCT Rule 39.1(iv): CHF 68	
XN	– for a full search: CHF 2,020	CHF 200
	– for searches only of documentation in Danish, Icelandic, Norwegian and Swedish: CHF 611	
XV	– for a full search: CHF 2,020	CHF 200
	– for searches only of documentation in Czech, Hungarian, Polish and Slovak: CHF 626	

Table II — Preliminary examination fees

(amounts on 1 March 2019, unless otherwise indicated)

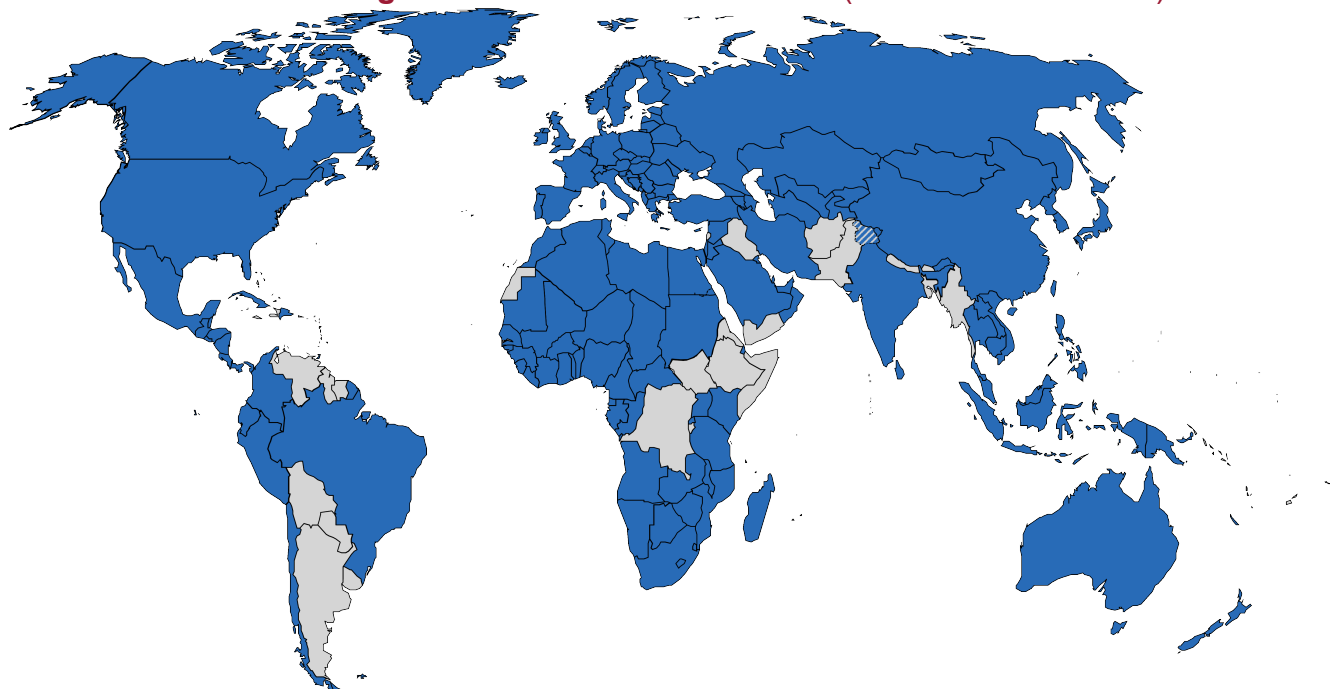
IPEA	Preliminary examination fee³⁵	Handling fee^{2,35} (CHF 200)
AT	EUR²⁹ 1,749	EUR 176
AU	AUD 590 820 ³⁶	AUD 281
BR	Online: BRL⁸ 630 On paper: BRL⁸ 945	BRL eq CHF 200
CA	CAD 800	CAD 260
CL	USD 1,500 in case of filing by a natural person or a legal entity ² : USD 400 in case of filing by a university ³⁰ : USD 300	USD 203
CN	CNY 1,500	CNY eq CHF 200
EG	EGP 3,000	USD 203
EP	EUR³² 1,830	EUR 176
ES	EUR³² 583.65	EUR 176
FI	EUR 600	EUR 176
IL	ILS 1,529	ILS 739
IN	if ISR prepared by ISA/IN: INR 10,000; in case of filing by individual: INR 2,500 if ISR not prepared by ISA/IN: INR 12,000; in case of filing by individual: INR 3,000	USD 203
JP	For IAs in Japanese: JPY 26,000 ¹⁷ For IAs in English: JPY 58,000	JPY 23,200
KR	KRW 450,000	KRW 226,000
RU	For IAs in Russian: RUB 4,500 ³⁷ 6,750 ³⁸ For IAs in English: RUB 16,000 ³⁷ 24,000 ³⁸	USD 203
SE	SEK 5,000	SEK 1,820
SG	SGD 830	SGD 279
TR	TRY 1,000	CHF 200
UA	If the ISR has been prepared by ISA/UA: – for IAs in English, French or German: EUR 160 – for IAs in Russian or Ukrainian: EUR 50 If the ISR has been prepared by another ISA: – for IAs in English, French or German: EUR 180 – for IAs in Russian or Ukrainian: EUR 70	EUR 176
US	USD 600 760 ³⁹ For small entity ²⁷ : USD 300 380 ³⁹ For micro entity ²⁷ : USD 150 190 ³⁹	USD 203
XN	DKK 5,000	DKK 1,310
XV	EUR 900	EUR 176

[See over page for footnotes to fee tables]

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: 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 IA 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: 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 IA is filed in electronic form, the request not being in character coded format.
- 6 If the IA is filed in electronic form, the request being in character coded format.
- 7 If the IA 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 IA 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 (Brazil) 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 The collection of the CNY 500 transmittal fee was suspended by the Office as from 1 August 2018 and the applicant is not required to pay this fee from that date.
- 11 The amount of this fee is not yet known. The Office should be consulted for the applicable fee amount.
- 12 This fee is reduced by 70% where the applicant is a natural person and by 90% where the applicant is a student or a retiree.
- 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 IAs filed by applicants fulfilling the conditions indicated on the PCT website at: www.wipo.int/pct/en/fees
- 15 The competent International Searching Authority(ies) for an IA filed with the International Bureau as receiving Office is (are) the Authority(ies) which would have been competent if the IA 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 commenced business less than ten years ago, a small-sized enterprise, or a small or medium-sized enterprise that has been established less than ten years. For further details, see: www.jpo.go.jp/tetuzuki/ryoukin/chusho_keigen.htm
- 18 The Japan Patent Office is competent only for IAs filed in Japanese.
- 19 This fee is reduced by 50% where the IA 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: www.wipo.int/pct/en/fees).
- 20 This fee is subject to a national tax of 16%.
- 21 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.
- 22 This fee is reduced by 50% where the applicant is a natural person.
- 23 This fee is reduced by 50% if the IA is filed in fully-electronic form.
- 24 Although there is no transmittal fee payable, the applicant must nevertheless pay the postage fee for the transmittal of the copy of the international application to the International Bureau and the International Searching Authority.
- 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 IAs 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: www.uspto.gov/web/offices/pac/mpep/consolidated_rules.pdf
- 28 Reductions may apply – for further details see the Office's website at: <http://ima.uz/ru/regulatory/tarify-i-poshliny/>
- 29 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).
- 30 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: www.wipo.int/pct/en/fees
- 31 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".
- 32 The search and preliminary examination fees payable to the European Patent Office 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: www.wipo.int/pct/guide/en/index.html
- 33 Payable to the International Bureau in Swiss francs.
- 34 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).
- 35 Payable to the International Preliminary Examining Authority in the currency or one of the currencies prescribed by it.
- 36 Payable when the international search report was not issued by the Australian Patent Office.
- 37 Payable when the international search report was established by the Federal Service for Intellectual Property (Rospatent) (Russian Federation).
- 38 In all cases where footnote 37 does not apply.
- 39 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 2019)



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

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 Only extension of European patent possible. Applicants wishing to obtain patent protection in Montenegro should enter the regional phase before the European Patent Office (EPO) and seek the extension of the European patent application and the granted European patent to Montenegro as there is no national phase before the Intellectual Property Office of Montenegro.

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 January 2019). The request and demand forms can be printed from the website, in editable PDF format, at: <https://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.