

# PCT NEWSLETTER

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

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## 40 Years of PCT Operations

It is recalled that 24 January 2018 marked the 40<sup>th</sup> anniversary of the entry into force of Chapter I of the PCT (see *PCT Newsletter* No. 02/2018). Just over four months after the entry into force of the PCT, on 1 June 1978, PCT operations began and it became possible to file PCT applications and demands for international preliminary examination. On 1 June 2018, a celebration took place at WIPO Headquarters, at which WIPO's Director General Francis Gurry marked 40 years of operations of the international patent system, calling the PCT a rare example of successful international cooperation, and thanking the PCT staff for its efficient implementation. A short, three-minute video of some of his remarks is available at:

<http://www.wipo.int/pct/en/40years/index.html>

Since operations began, the PCT has enjoyed remarkable growth. In the first six months of its existence, just 459 international patent applications were filed under the system. Twenty-six years later (in late 2004), one million applications had been filed, and nearly 13 years after that (in February 2017) the three millionth PCT application was published. Every week, on average around 5,000 PCT applications are published in WIPO's PATENTSCOPE database, which now includes 3.4 million international patent applications that have gone through the PCT system to date.

During the last forty years, with just one exception (in 2009, at the height of the global economic crisis), there has been steady annual growth in the number of PCT applications filed. In 2017, a record 243,500 PCT applications were filed, representing a 4.5% increase on figures for 2016.

Since its inception, applicants based in the United States of America have filed the largest number of PCT applications every year, filing nearly 57,000 applications in 2017 alone. But, since the early 2000s, there has been a marked increase in the use of the PCT in Asian countries and, in particular, considerable growth in its use by applicants from China. Since 2003, China has posted PCT annual growth rates of more than 10%, and, in 2017, became the second largest user of the system.

As far as membership of the PCT is concerned, in 1991, there were 50 Contracting States, in 1999 there were 100, and today there are 152 Contracting States, meaning that most countries in the world are now part of the PCT system.

In the past 40 years, the PCT has seen many other significant changes, such as:

- the move from paper filing and processing to electronic filing and processing;
- an increase in languages of publication from five to 10;

- an increase in the number of International Authorities from five to 23; and
- an increase in national phase entries from less than 100,000 in 1995 to 615,000 in 2017.

## **Amendments to the PCT Regulations and Schedule of Fees annexed to the Regulations**

It is recalled that the Assembly of the PCT Union adopted, during its 49<sup>th</sup> session which was held in Geneva from 2 to 11 October 2017, amendments to the PCT Regulations which will enter into force on 1 July 2018.

It is recalled that the amendments consist of the following:

- PCT Rules 4.1(b)(ii) and 41.2(b): numbering references have been corrected consequential to the amendments to Rules 12*bis* and 23*bis* adopted by the PCT Assembly at its 47th session (held in October 2015) and 48th session (held in October 2016), respectively. For further information, see document PCT/WG/10/5 ([http://www.wipo.int/meetings/en/details.jsp?meeting\\_code=pct/wg/10](http://www.wipo.int/meetings/en/details.jsp?meeting_code=pct/wg/10)).
- PCT Schedule of Fees: it has been clarified that the 90% fee reduction in item 5 of the Schedule of Fees is intended only for persons filing an international application in their own right and not those filing an international application on behalf of a person or entity which is not eligible for the reduction. For further information, see document PCT/WG/10/8 ([http://www.wipo.int/meetings/en/details.jsp?meeting\\_code=pct/wg/10](http://www.wipo.int/meetings/en/details.jsp?meeting_code=pct/wg/10)).

Please also see “New/updated PCT Resources”, below, for information on the availability of a PowerPoint presentation describing these amendments.

The consolidated versions of the modified PCT Regulations and Schedule of Fees, as in force from 1 July 2018, are available in Arabic, Chinese, English, French, German, Italian, Portuguese, Russian and Spanish on the right hand side of the page at, respectively:

<http://www.wipo.int/pct/ar/texts/index.html>

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

<http://www.wipo.int/pct/en/texts/index.html> (for the English and Italian versions)

<http://www.wipo.int/pct/fr/texts/index.html>

<http://www.wipo.int/pct/de/texts/index.html>

<http://www.wipo.int/pct/pt/texts/index.html>

<http://www.wipo.int/pct/ru/texts/index.html>

<http://www.wipo.int/pct/es/texts/index.html>

## ePCT Update

A new release of the ePCT system (version 4.3) was deployed on 23 May 2018. Some of the new features are discussed below.

### ePCT for applicants

ePCT-Filing now includes the following new features:

- *external signature*: following requests by a number of users, this new function allows an authorized signatory to apply a signature to draft documents that are held in ePCT without requiring access to the system<sup>1</sup>. For further details, see:

<http://www.wipo.int/pct/en/epct/learnmore.html?N=609>

- *further improvements to access rights management*: when editing access rights, in addition to individual eHandshake users, it is possible to add an existing access rights group, either to replace all existing rights or as an additional access rights group;
- *addresses with no street address component*: when filling in an address in ePCT, including in the address book, it is now possible to indicate that no street address is applicable (previously, a street address was a mandatory element of the address);
- *declarations under PCT Rule 4.17(i) prepared using ePCT*: it is now possible to select multiple inventors in one operation. Furthermore, where the language of the request form is one that requires transliteration into English (that is, Arabic, Chinese, Japanese, Korean, and Russian), declarations under Rule 4.17(i) will also be rendered with transliteration (this feature may be extended to other declarations in due course);
- *tips for preparing PDF files for upload into ePCT*: a shortcut link to a video tutorial (available on the “Support” page) has been added to the “Documents” section in ePCT Filing; and
- *new document type*: the document type “Formal response to the Written Opinion of the IPEA” has been added to the list of documents for upload to the IPEA.

For further information on the above changes, including relevant screen shots, as well as information on other changes included in this latest release, please refer to “What's new in ePCT for applicants?” on the PCT eServices Support page at:

<http://www.wipo.int/pct/en/epct/support.html>

### ePCT for receiving Offices, designated Offices and International Authorities

ePCT version 4.3 includes several new Office features and improvements based on feedback from Office users. This version includes the following new features:

- distribution of international applications and related tasks to Office examiners;
- incorporation of standardized clauses and lookup function of cited documents in the search and examination reports action;

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<sup>1</sup> Please note that this feature is not yet available for international applications filed with the United States Patent and Trademark Office as receiving Office as there are restrictions regarding image signatures because no attachments are permitted in ePCT when filing with that Office.

- import into ePCT of new international applications filed electronically via PCT-SAFE or other Annex F compliant systems; and
- important improvements to the collaborative search and examination features for IP5 Offices

For more details on the above features and ePCT system for Offices, please see the PCT web page “ePCT for Authorities and Offices” at:

[http://www.wipo.int/pct/en/epct/epct\\_office\\_guideline.html](http://www.wipo.int/pct/en/epct/epct_office_guideline.html)

For questions about any of the new features of ePCT for applicants and for Offices, you can also contact the PCT eServices Help Desk at:

e-mail: [pct.eservices@wipo.int](mailto:pct.eservices@wipo.int)

telephone: (+41–22) 338 9523

or via the “contact us” link.

### **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 that needs to be a DAS depositing Office, and not necessarily the receiving Office with which the international application is filed.

### **National Institute of Industrial Property (Brazil) and Danish Patent and Trademark Office**

The National Institute of Industrial Property (Brazil), which has been a depositing Office since 1 December 2017, and the Danish Patent and Trademark Office, which has been a depositing Office since 1 November 2011, have notified the IB that, with effect from 1 April 2018 and 1 June 2018, respectively, they commenced operation as accessing Offices of DAS.

For further information, see:

<http://www.wipo.int/das/en/notifications.html#BR>

<http://www.wipo.int/das/en/notifications.html#DK>

A list of the DAS participating Offices is available at:

[http://www.wipo.int/das/en/participating\\_offices.html](http://www.wipo.int/das/en/participating_offices.html)

### **Registration of Chinese Patents in Cambodia**

Following the signature of a “Memorandum of Understanding on the Registration of Patents of the People’s Republic of China in the Kingdom of Cambodia Between the State Intellectual Property Office of the People’s Republic of China (SIPO) and the Ministry of Industry and Handicraft of the Kingdom of Cambodia (MIH)” on 29 March 2018, it is now possible for owners of patents granted in China (including patents granted on the basis of PCT applications) to register their Chinese patents in Cambodia.

Under this arrangement, the MIH will check the necessary application materials without the need to conduct a substantive review, before registering a Chinese patent in Cambodia. The Chinese patent registered in Cambodia will be treated the same as a patent granted under the Cambodia Law on Patents, Utility Models Certificates and Industrial Designs dated 22 January 2003 and its subsequent amendment dated 22 November 2017, and its protection in Cambodia will last for the same length of time as it will do in China. This arrangement is retroactive as it is possible to register in Cambodia any patent granted in China that was applied for after 22 January 2003, provided that it remains valid.

Please note that the above-mentioned possibility will not apply to utility models or industrial designs.

For further information, see:

[http://www.mih.gov.kh/File/UploadedFiles/4\\_18\\_2018\\_23\\_29\\_19.pdf](http://www.mih.gov.kh/File/UploadedFiles/4_18_2018_23_29_19.pdf)

<http://english.sipo.gov.cn/news/officialinformation/1122884.htm>

The Request Form to be used for registering Chinese patents in Cambodia is available at:

[http://www.mih.gov.kh/File/UploadedFiles/4\\_19\\_2018\\_0\\_15\\_46.pdf](http://www.mih.gov.kh/File/UploadedFiles/4_19_2018_0_15_46.pdf)

## **Combined July-August Issue**

The next issue of the *PCT Newsletter* will be a joint July-August issue that will be published in August. If, between the publication of this issue and the July-August issue, there is any important PCT news that users should be aware of, we will announce it by way of the PCT e-mail updating service. If you have not already subscribed to this service, which notifies PCT users when each issue of the *PCT Newsletter* becomes available and makes other *ad hoc* announcements when necessary, you can subscribe to it, free of charge, at our e-mail platform at:

[https://www3.wipo.int/newsletters/en/#pct\\_newsletter](https://www3.wipo.int/newsletters/en/#pct_newsletter)

Please note that, if there are any changes to the PCT Seminar Calendar or the PCT Fee Tables before the publication of the July-August issue, they will be updated at, respectively:

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

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

## **Changes to the PCT Publication Schedule**

### **Publication of 7 September 2018**

Due to the fact that Thursday, 6 September 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, 7 September 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, 21 August 2018.

## Electronic Filing and Processing of International Applications

### Swedish Patent and Registration Office no longer accepts PCT-SAFE filings

The Swedish Patent and Registration Office, in its capacity as receiving Office, has notified the International Bureau that, with effect from 1 August 2018, it will no longer accept the filing of international applications in electronic form using PCT-SAFE. The Office will continue to accept the filing of international applications in electronic form using ePCT-Filing and EPO Online Filing.

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

### Advanced PCT Seminar at WIPO Headquarters

An advanced PCT seminar will be held at WIPO Headquarters in Geneva on 17 and 18 September 2018. The program will be conducted by experienced staff of the Patents and Technology Sector and will include sessions on filing, search and examination, ePCT, entering the national phase and recent and future developments. The seminar is aimed at patent administrators, paralegals and other users who are already familiar with the PCT system.

Online registration details and links to further information will be provided in the PCT Seminar Calendar shortly.

### PCT Information Update

#### AE United Arab Emirates (name of Office; location and mailing address; e-mail address)

The name and e-mail address of the Industrial Property Directorate, Ministry of Economy (United Arab Emirates) Office have changed, and one of the Office's location and mailing addresses has changed, as follows:

Name of Office: International Center for Patent Registration, Ministry of Economy (United Arab Emirates)

Location and mailing address: Dubai: [no change]  
Abu Dhabi:  
P.O. Box 901  
Liwa Tower  
Abu Dhabi  
United Arab Emirates

E-mail: icpr@economy.ae

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

**AU Australia (telephone number; required contents of translation)**

The Australian Patent Office has notified an additional telephone number. The numbers to be used are now as follows:

Telephone: 1300 65 10 10 (local)  
(61-2) 6283 2999 (international)

There has been a change in the requirements of the Office concerning the contents of the translation for entry into the national phase before it as designated and elected Office under PCT Articles 22 and 39(1), as follows:

Under PCT Article 22:

Description, claims (if amended, as amended only), any text matter of drawings

Under PCT Article 39(1):

Description, claims, any text matter of drawings (if any of those parts has been amended, only as amended by the annexes to the international preliminary examination report)

(Updating of *PCT Applicant's Guide*, Annex B1 and National Chapter, Summary (AU))

**CO Colombia (fees)**

The amounts of the following national fees, payable to the Superintendence of Industry and Commerce (Colombia) as designated (or elected) Office, have changed with effect from 1 January 2018:

	<i>Online</i>	<i>On paper</i>
For patent:		
Filing fee: .....	COP 73,000	91,000
Annual fees for the first to the fourth year, per year: .....	COP 256,000	307,000
	COP 380,000 <sup>2</sup>	456,000 <sup>2</sup>
For utility model:		
Filing fee: .....	COP 63,500	79,500

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

**ES Spain (provisional protection after international publication)**

The Spanish Patent and Trademark Office has notified the International Bureau (IB) that the following information concerning persons who are entitled to prepare the translation of the claims into Spanish, should be added at the end of the information concerning provisional protection in Spain after international publication where the designation is made for the purposes of a European patent:

<sup>2</sup> This amount is applicable in case of late payment within a grace period of six months from the due date.

“In addition, persons who declare to have linguistic and technical knowledge in accordance with the Ministerial Order ETU/320/2018 of March 26, 2018 may also prepare the translation.”

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

### MX Mexico (fees)

The amounts of the following national fees, payable to the Mexican Institute of Industrial Property as designated (or elected) Office, have changed with effect from 27 April 2018:

For patent:

Filing fee: .....	MXN	3,147 <sup>3</sup>
	MXN	1,500 <sup>4</sup>
- fee per sheet over 30 .....	MXN	61

For utility model:

Filing fee: .....	MXN	2,000 <sup>3</sup>
	MXN	1,350 <sup>4</sup>
- fee per sheet over 30 .....	MXN	61

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

### PL Poland (requirements concerning agent; special requirements for entry into the national phase)

There has been a change in the requirement of the Patent Office of the Republic of Poland as to whether an agent is required by it as receiving Office: an agent is required if the applicant has neither a residence nor a principal place of business in Poland, or in another member State of the European Union or the European Free Trade Association. This change should also be reflected in the list of special requirements under PCT Rule 51*bis* of the Office as designated (or elected Office).

(Updating of *PCT Applicant's Guide*, Annex C and National Chapter, Summary (PL))

### SE Sweden (filing of international applications in electronic form)

For information on the non-acceptance of the Swedish Patent and Registration Office of the filing of international applications in electronic form using PCT-SAFE, please see “Electronic Filing and Processing of International Applications”, above.

<sup>3</sup> Payable where the national phase is entered under PCT Article 22.

<sup>4</sup> Payable where the national phase is entered under PCT Article 39(1).



**Search fee and other fees relating to the international search (Australian Patent Office, European Patent Office, Federal Service for Intellectual Property (Rospatent) (Russian Federation), Korean Intellectual Property Office, National Institute of Industrial Property (Brazil), Nordic Patent Institute, State Intellectual Property Office of the People's Republic of China, Swedish Patent and Registration Office)**

As from 1 August 2018, there will be changes in the equivalent amounts payable in the currencies specified below for international searches carried out by the following Offices:

Australian Patent Office .....	SGD
European Patent Office .....	SEK
Federal Service for Intellectual Property (Rospatent) (Russian Federation) .....	EUR, USD
Korean Intellectual Property Office .....	EUR
National Institute of Industrial Property (Brazil).....	EUR
Nordic Patent Institute .....	SEK
State Intellectual Property Office of the People's Republic of China) .....	CHF
Swedish Patent and Registration Office .....	SEK

The above-mentioned changes are indicated in Fee Table I(b).

As from 1 September 2018, there will be changes in the equivalent amounts 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 (AU, BR, CN, EP, KR, RU, SE, XN))

## **New/Updated PCT Resources**

### **PowerPoint presentations**

A PowerPoint presentation describing the amendments to the PCT Regulations that will enter into force on 1 July 2018 is now available in Chinese, English, French, German, Japanese, Korean and Spanish at, respectively:

[http://www.wipo.int/pct/zh/texts/ppt/rule\\_changes\\_archive.html](http://www.wipo.int/pct/zh/texts/ppt/rule_changes_archive.html)

[http://www.wipo.int/pct/en/texts/ppt/rule\\_changes\\_archive.html](http://www.wipo.int/pct/en/texts/ppt/rule_changes_archive.html)

[http://www.wipo.int/pct/fr/texts/ppt/rule\\_changes\\_archive.html](http://www.wipo.int/pct/fr/texts/ppt/rule_changes_archive.html)

[http://www.wipo.int/pct/de/texts/ppt/rule\\_changes\\_archive.html](http://www.wipo.int/pct/de/texts/ppt/rule_changes_archive.html)

[http://www.wipo.int/pct/ja/texts/ppt/rule\\_changes\\_archive.html](http://www.wipo.int/pct/ja/texts/ppt/rule_changes_archive.html)

<http://www.wipo.int/pct/ko/texts/ppt/2018changes.pptx>

[http://www.wipo.int/pct/es/texts/ppt/rule\\_changes\\_archive.html](http://www.wipo.int/pct/es/texts/ppt/rule_changes_archive.html)

## Seminar materials

Seminar materials, covering all aspects of the PCT procedure, have been updated in English, Japanese and Spanish to take into account the amendments to the PCT Regulations which will enter into force on 1 July 2018 and are available at, respectively:

[http://www.wipo.int/pct/en/seminar/basic\\_1/document.pdf](http://www.wipo.int/pct/en/seminar/basic_1/document.pdf)

[http://www.wipo.int/pct/ja/seminar/basic\\_1/document.pdf](http://www.wipo.int/pct/ja/seminar/basic_1/document.pdf)

[http://www.wipo.int/pct/es/seminar/basic\\_1/document.pdf](http://www.wipo.int/pct/es/seminar/basic_1/document.pdf)

Other languages will follow shortly.

## European Patent Office: Additional Information Relating to Means of Payment of Fees

Further to the information that was published in *PCT Newsletter* No 12/2017 regarding the changes to the means of payment of fees, the following information is relevant for applicants making payments at the European Patent Office (EPO) by debit order.

Since 1 November 2017, the debit order for debiting a deposit account held with the EPO must be sent in an electronically processable format (see Supplementary publication 5, *Official Journal* 2017, Arrangements for deposit accounts (ADAs) and their annexes at: <http://www.epo.org/law-practice/legal-texts/official-journal/2017/etc/se5.html>)

This means that regardless of the way in which the international application is filed (that is, whether it is filed electronically or on paper), if the applicant wishes to pay the fees by debiting their deposit account, the debit order must always be filed electronically using one of the following means:

- the EPO Online Filing software, PCT-SAFE, CMS or ePCT using the PCT fee calculation and payment feature; or
- Online Fee Payment (OFP) in the EPO's Online services.

These new requirements apply also to the filing of automatic debit orders.

Therefore, regardless of the way in which the application has been filed, if the debit order is submitted on paper, by fax, via the web-form filing service or using a different format, such as a PDF attachment, the debit order will be invalid and thus will not be carried out. Note that it is also not possible to pay PCT fees due to the EPO by debiting a deposit account held with WIPO.

For more information regarding the revision of the ADAs, please refer to the Notice from the EPO, dated 27 September 2017, concerning revision of the Arrangements for deposit accounts and their annexes, at:

<http://www.epo.org/law-practice/legal-texts/official-journal/2017/etc/se5/p2/2017-se5-p2.pdf>

## WIPO Translate

### Korean Intellectual Property Office becomes first patent Office to integrate WIPO Translate into its own patent filing and examination processes

The Korean Intellectual Property Office (KIPO) and WIPO have signed a memorandum of understanding under which KIPO will begin integrating WIPO Translate into its own patent filing and examination processes – the first PCT Office to do this.

It is recalled that WIPO Translate, which powers PATENTSCOPE, uses cutting-edge neural machine translation technology to render highly technical patent documents into a second language in a style and syntax that more closely mirrors common usage. It out-performs patent-translation tools built on previous technologies as well as other web-based products also using artificial intelligence. The new technology translates all patent documents in one of the official languages of the PCT (Arabic, Chinese, French, German, Japanese, Korean, Portuguese, Russian and Spanish) into English, and vice-versa.

WIPO Translate is trained exclusively with large amounts of patent texts and includes a “domain-aware-technique” that translates according to the specificity of the invention. The tool internally integrates 32 technical domains taken from the International Patent Classification. This allows the system to eliminate ambiguity in the translation process. The technology takes into consideration the specific domain when translating a particular sentence thereby yielding more accurate translations, which is unique in the world of patent translations.

For further information, please see the Press Release at:

[http://www.wipo.int/pressroom/en/articles/2018/article\\_0004.html](http://www.wipo.int/pressroom/en/articles/2018/article_0004.html)

## Practical Advice

### Consequences of not submitting nucleotide and/or amino acid sequence listings in the correct format to the International Searching Authority

*Q: I am going to file an international application containing a sequence listing as an image file, and realize that, for the purposes of international search, the sequence listing must be filed in electronic form, as a text file. If I am unable to submit the sequence listings as a text file at the time of filing, will I be invited to do so after filing, and if so, will I have to pay an extra fee for this?*

A: Each of the 22 operational International Searching Authorities (ISAs) require the applicant to furnish any sequencing listing in electronic form (as a text file) if the sequence listing is to be taken into account for the purpose of international search. More specifically, it must comply with the standard provided for in Annex C of the Administrative instructions under the PCT (“Standard for the Presentation of Nucleotide and Amino Acid Sequence Listings in International Patent Applications under the PCT”) <sup>5</sup> (hereinafter “Annex C”). Note that the provisions in Annex C are also recommended in WIPO Standard ST.25 (“Standard for the Presentation of Nucleotide and Amino Acid Sequence Listings in Patent Applications”) <sup>6</sup>. Furthermore, the

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<sup>5</sup> See: <http://www.wipo.int/pct/en/texts/pdf/ai.pdf>

<sup>6</sup> See: <http://www.wipo.int/standards/en/pdf/03-25-01.pdf>

sequence listing must also be transmitted on an electronic carrier that is acceptable to the ISA concerned.

If the international application contains a sequence listing that does not meet the necessary requirements, for example, if it has only been submitted in paper form or as an image file (for example, PDF format), or if it has been submitted as a text file which does not comply with Annex C, the ISA will invite you to furnish, within a fixed time limit, a sequence listing complying with the required standard for the purposes of international search (using Form PCT/ISA/225 (“Invitation to furnish nucleotide and/or amino acid sequence listing and pay, where applicable, late furnishing fee”). The invitation may also, in accordance with PCT Rule 13*ter*.1(c), request the payment to the ISA of a late furnishing fee, the amount of which is determined by the ISA, but which may not exceed 25% of the international filing fee. Of the 22 ISAs, the following 12 ISAs currently charge such a late furnishing fee:

- National Institute of Industrial Property (Brazil)
- State Intellectual Property Office of the People’s Republic of China
- Egyptian Patent Office
- European Patent Office (EPO)
- Finnish Patent and Registration Office (PRH)
- Israel Patent Office
- Indian Patent Office
- Korean Intellectual Property Office
- Federal Service for Intellectual Property (Rospatent) (Russian Federation)
- Turkish Patent and Trademark Office (Turkpatent)
- United States Patent and Trademark Office (USPTO)
- Visegrad Patent Institute (VPI)

The above-mentioned Form will also invite you to submit a statement confirming that the information contained in the Annex C text file submitted under PCT Rule 13*ter*.1(a) is identical to the sequence listing forming part of the international application as filed.

If you do not comply with the invitation within the specified time limit, for example, if the subsequently-filed sequence listing filed in response to the invitation does not comply with the necessary standard, the international search may be restricted, as, in accordance with PCT Rule 13*ter*.1(d), the ISA will only be required to search the international application to the extent that a meaningful search can be carried out without the sequence listing. This means that the examiner may not search claims directed to specific sequences.

Even if the subsequently-filed sequence listing complies with the necessary standard, it is important to be aware that if a late payment fee has been requested by one of the above-mentioned ISAs, but you do not pay that fee within the specified time limit, the sequence listing furnished in reply to the invitation may be disregarded.

For information on the types of electronic carriers that are required by each ISA, and to find out which ISAs charge a late furnishing fee under PCT Rule 13*ter*.1(c), and the applicable amount of that fee, please see the relevant part of the *PCT Applicant’s Guide*, Annex D.

Please note that any sequence listing which is to form part of the international application must be filed at the same time (or at least on the same date) as the rest of the international application. Also note that, whenever a sequence listing is furnished as an Annex C text file at the time of filing the international application, there is no need to file another copy of the text file for such purposes under PCT Rule 13<sup>ter</sup> since the text file submitted will be used for both disclosure of the international application and for search purposes.

You are strongly advised to submit the sequence listing part of the description as an Annex C text file at the time of filing the international application, so that it is in the correct format for the ISA. Not only will you avoid having to pay any necessary late payment fee to the ISA, but also, any sequence listing part of the description in text format will not be taken into account for calculating the total number of pages/sheets of the international application for which a fee is payable in excess of 30. When submitting the sequence listing with the international application, it should be identified as part of the international application in the request form. The way in which you do this will depend on the mode of filing, for example:

- if you file using ePCT, the sequence listings must be in Annex C text format (PDF format is not permitted) and must be attached under the “International Search” section. You should check the box “Sequence listings in machine-readable format are attached for the purposes of international search” and then select “Filed also as part of the international application”;
- if you file using PCT-SAFE, you should first check the box “The description contains a sequence listing” on the Biology tab and then check the box “submitted as part of the description” on the Contents tab when uploading the Annex C text file; or
- if you file electronically using the PDF request form when filing with the United States Patent and Trademark Office as receiving Office via EFS-Web, the relevant box should be checked under item (g) in Box No. IX of Form PCT/RO/101.

<b>PCT Seminar Calendar</b>			
(http://www.wipo.int/pct/en/seminar/seminar.pdf)			
(situation on 18 June 2018)			
<b>Dates and location</b>	<b>Language of seminar</b>	<b>Nature of seminar; WIPO speakers (and others where known)</b>	<b>Organizer and contact numbers</b>
<b>6 July 2018 Beijing (CN)</b>	Chinese/ English	Advanced Roving PCT Seminar WIPO speakers: Mr. Reischle-Park and Mr. Yu	State Intellectual Property Office of the People's Republic of China (SIPO) (Ms. Zhang Ling) Tel: (86-10) 62 08 33 20 E-mail: zhangling_1@sipo.gov.cn
<b>9 July 2018 Nanjing, Jiangsu Province (CN)</b>	Chinese/ English	Advanced Roving PCT Seminar WIPO speakers: Mr. Reischle-Park and Mr. Yu	State Intellectual Property Office of the People's Republic of China (SIPO) (see Beijing, above)
<b>11-12 July 2018 Alexandria, VA (US)</b>	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
<b>12-13 July 2018 Munich (DE)</b>	German	PCT presentation within the framework of the "Practical Update International Patent Law" conference WIPO speaker: Mr. Reischle-Park	Forum Institut für Management GmbH Tel: (49-6221) 500 660 Fax: (49-6221) 500 666 E-mail: s.schilling@forum-institut.de
<b>23-24 July 2018 Arlington, VA (US)</b>	English	22 <sup>nd</sup> Annual Patent Cooperation Treaty training program for paralegals, paralegal managers and legal staff WIPO speaker: Mr. Reischle-Park	American Intellectual Property Law Association (AIPLA) Tel: (1-703) 415 07 80 Fax: (1-703) 415 07 86 E-mail: aipla@aipla.org Internet: www.aipla.org
<b>11-12 September 2018 Stockholm (SE)</b> <i>(originally scheduled for 31 May-1 June 2018)</i>	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
<b>17-18 September 2018 Geneva (CH)</b>	English	Advanced Seminar on the Patent Cooperation Treaty (PCT). Note that attendance is limited to 50 people. No registration fee. WIPO speakers: to be announced	Organized by the World Intellectual Property Organization (WIPO) at its Geneva Headquarters Online registration details and further information will follow shortly. E-mail: pct.our@wipo.int
<b>18 September 2018 Brussels (BE)</b>	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Schumm Other WIPO speakers on other IP topics: Mr. Forno, Ms Zelenkovska and Ms. Zikova	WIPO and the Belgian Office for Intellectual Property and the Benelux Office for Intellectual Property (Mr. Alain Lambermont) Tel: (32) 2 277 83 56 Fax: (32) 2 277 52 61 Internet: https://economie.fgov.be
<b>19-20 September 2018 Austin, TX (US)</b>	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

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**PCT Seminar Calendar [continued]**

<b>Dates and location</b>	<b>Language of seminar</b>	<b>Nature of seminar; WIPO speakers (and others where known)</b>	<b>Organizer and contact numbers</b>
<b>20-21 September 2018</b> <b>Kiel (DE)</b>	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
<b>26 September 2018</b> <b>London (GB)</b>	English	PCT presentation within the framework of the CIPA Annual Administrators Conference WIPO speaker: Mr. Reischle-Park	Chartered Institute of Patent Attorneys (CIPA) E-mail: CPD@cipa.org.uk
<b>27 September 2018</b> <b>London (GB)</b>	English	PCT seminar within the framework of the 17 <sup>th</sup> Annual Conference for Senior Patent Administrators WIPO speaker: Mr. Reischle-Park	Management Forum Ltd. (Ms. Angela Spall) E-mail: angela.spall@falconbury.co.uk
<b>1 October 2018</b> <b>Zurich (CH)</b>	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
<b>4 October 2018</b> <b>Barcelona (ES)</b> <i>(a limited number of places are available to the public)</i>	English	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-carrascocomajuncosas@telefonica.com
<b>5 October 2018</b> <b>Kraków (PL)</b> <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
<b>11-12 October 2018</b> <b>Munich (DE)</b>	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
<b>16-17 October 2018</b> <b>Paris (FR)</b>	French	Basic PCT Seminar WIPO speaker: Ms. Bonvallet	Institut national de la propriété industrielle (INPI) Tel: (33) (0)820 210 211 (0,10€ TTC/mn + prix appel) E-mail: academie@inpi.fr Internet : <a href="http://e-formation.inpi.fr/fiche-formation.php?id_formation=242">http://e-formation.inpi.fr/fiche-formation.php?id_formation=242</a>
<b>18 October 2018</b> <b>Lisbon (PT)</b>	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
<b>22 October 2018</b> <b>Washington, D.C. (US)</b>	English	PCT Boot Camp WIPO speakers: Mr. Chen and Mr. Piriou Other speaker: Mr. Smith (PCT Learning Center)	PCT Learning Center (Ms. Frimmel Smith) Tel: (1-571) 212 38 68 E-mail: contact@pctlearningcenter.org Internet: pctlearningcenter.org
<b>23 October 2018</b> <b>Washington, D.C. (US)</b>	English	ePCT Training Seminar WIPO speakers: Mr. Chen and Mr. Piriou Other speaker: Mr. Smith (PCT Learning Center)	PCT Learning Center (Ms. Frimmel Smith) Tel: (1-571) 212 38 68 E-mail: contact@pctlearningcenter.org Internet: pctlearningcenter.org

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**PCT Seminar Calendar [continued]**

<b>Dates and location</b>	<b>Language of seminar</b>	<b>Nature of seminar; WIPO speakers (and others where known)</b>	<b>Organizer and contact numbers</b>
<b>24 October 2018 Vienna (AT)</b>	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 Hoefermayer) E-mail: Ursula.Hoefermayer@patentamt.at
<b>6 November 2018 Paris (FR)</b>	French	Advanced PCT Seminar WIPO speaker: Ms. Bonvallet	Institut national de la propriété industrielle (INPI) E-mail: academie@inpi.fr <a href="http://e-formation.inpi.fr/fiche-formation.php?id_formation=243">http://e-formation.inpi.fr/fiche-formation.php?id_formation=243</a>
<b>7-8 November 2018 New York, NY (US)</b>	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: <a href="http://www.patentresources.com">http://www.patentresources.com</a>
<b>29-30 November 2018 London (GB)</b>	English	Advanced PCT Formalities seminar, including practical presentations on ePCT WIPO speakers: to be announced	Management Forum Ltd. (Ms. Angela Spall) E-mail: <a href="mailto:angela.spall@falconbury.co.uk">angela.spall@falconbury.co.uk</a>
<b>4-5 December 2018 San Diego, CA (US)</b>	English	Comprehensive PCT Seminar Speaker on behalf of WIPO: Mr. Oppedahl Other speaker: to be announced	PCT Learning Center (Ms. Frimmel Smith) Tel: (1-571) 212 38 68 E-mail: <a href="mailto:contact@pctlearningcenter.org">contact@pctlearningcenter.org</a> Internet: <a href="http://pctlearningcenter.org">pctlearningcenter.org</a>

**PCT Webinars**

(<http://www.wipo.int/pct/en/seminar/webinars/index.html>)  
(<http://www.wipo.int/patentscope/en/webinar/>)

<b>Date and time</b>	<b>Language of webinar</b>	<b>Nature of webinar; WIPO speakers</b>	<b>Registration</b>
<b>26 June 2018</b> 8:30–9:30 CET or <b>28 June 2018</b> 17:30–18:30 CET	English	PATENTSCOPE webinar: PATENTSCOPE for experts WIPO speaker: Ms. Ammann	<a href="https://register.gotowebinar.com/rt/2544881623016771329">https://register.gotowebinar.com/rt/2544881623016771329</a>
<b>26 June 2018</b> 09:00–10:00 CET (16:00–17:00 Seoul time)	Korean	PCT international application overview and considerations WIPO speaker: Mr. Kim	<a href="https://attendee.gotowebinar.com/register/6197917750090234115">https://attendee.gotowebinar.com/register/6197917750090234115</a>
<b>17 July 2018</b> 8:30–9:30 CET or <b>19 July 2018</b> 17:30–18:30 CET	English	PATENTSCOPE webinar: Chemical structure search WIPO speaker: Ms. Ammann	<a href="https://register.gotowebinar.com/rt/3241594862538409217">https://register.gotowebinar.com/rt/3241594862538409217</a>

**Other IP events****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>



## PCT Fee Tables

(amounts on 1 June 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 15. (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	LYD	Libyan dinar	SEK	Swedish krona
IPEA	International Preliminary Examining Authority	BND	Brunei dollar	GTQ	Quetzal	MAD	Moroccan dirham	SGD	Singapore dollar
ISA	International Searching Authority	BRL	Brazilian real	HRK	Croatian kuna	MKD	Macedonian denar	THB	Baht
ISR	international search report	BZD	Belize dollar	HUF	Hungarian forint	MWK	Malawian kwacha	TJS	Tajik somoni
RO	receiving Office	CAD	Canadian dollar	IDR	Indonesian rupiah	MYR	Malaysian ringgit	TND	Tunisian dinar
		CHF	Swiss franc	ILS	New Israeli sheqel	NOK	Norwegian krone	TRY	Turkish Lira
		CLP	Chilean peso	INR	Indian rupee	NZD	New Zealand dollar	TTD	Trinidad and Tobago dollar
		CNY	Yuan renminbi	IRR	Iranian rial	OMR	Omani rial	UAH	Ukrainian hryvnia
		COP	Colombian peso	ISK	Icelandic krona	PEN	Nuevo sol	USD	US dollar
Currencies:		CUC	Cuban convertible peso	JOD	Jordanian dinar	PGK	Kina	VND	Vietnamese dong
		CZK	Czech koruna	JPY	Japanese yen	PHP	Philippine peso	XAF	CFA franc BEAC
ALL	Albanian lek	DJF	Djibouti franc	KES	Kenyan shilling	PLN	Polish zloty	ZAR	South African rand
AMD	Armenian dram	DKK	Danish krone	KGS	Kyrgyz som	QAR	Qatari riyal	ZWD	Zimbabwe dollar
AUD	Australian dollar	DZD	Algerian dinar	KPW	Won (KP)	RON	New leu		
AZN	Azerbaijani manat	EGP	Egyptian pound	KRW	Won (KR)	RSD	Serbian dinar		
BAM	Convertible mark	EUR	Euro	KZT	Kazakh tenge	RUB	Russian rouble		
BGN	Bulgarian lev	GBP	Pound sterling	LSL	Lesotho loti	SDG	Sudanese pound		

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

RO	Transmittal fee <sup>1</sup>	International filing fee <sup>1, 2</sup> (CHF 1,330)	Fee per sheet over 30 <sup>1, 2, 3</sup> (CHF 15)	E-filing reductions according to Schedule of Fees:			Competent ISA(s) <sup>4</sup>
				Item 4(a) <sup>5</sup> (CHF 100)	Item 4(b) <sup>6</sup> (CHF 200)	Item 4(c) <sup>7</sup> (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 <sup>8</sup>	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 <sup>9</sup> 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 <sup>10</sup> 130	CLP eq USD <sup>10</sup> 1,366	eq USD 15 <sup>10</sup>	–	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 June 2018, unless otherwise indicated)

RO	Transmittal fee <sup>1</sup>	International filing fee <sup>1,2</sup>	Fee per sheet over 30 <sup>1,2,3</sup>	E-filing reductions according to Schedule of Fees:			Competent ISA(s) <sup>4</sup>
				Item 4(a) <sup>5</sup>	Item 4(b) <sup>6</sup>	Item 4(c) <sup>7</sup>	
CO	COP 952,000 <sup>11</sup>	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
DK	or eq DJF 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 <sup>12</sup> –	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 <sup>13</sup> 100	USD 1,366	15	–	205	308	AT EP IL RU US
GH	GHS <sup>14</sup> 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 <sup>15</sup> 100	CHF 1,330	15	–	200	300	See footnote 16
	or EUR <sup>15</sup> 87	or EUR 1,163	13	–	175	262	
	or USD <sup>15</sup> 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) <sup>17</sup>	USD 1,366	15	–	205	308	AT AU CN EP IN SE US
	INR 16,000 (e-filing) <sup>17</sup>						
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 (from 1.7.18: 137,200)	1,600 (1,500)	– (–)	21,800 (20,600)	32,800 (31,000)	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 <sup>18</sup>	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 June 2018, unless otherwise indicated)

RO	Transmittal fee <sup>1</sup>	International filing fee <sup>1,2</sup>	Fee per sheet over 30 <sup>1,2,3</sup>	E-filing reductions according to Schedule of Fees:			Competent ISA(s) <sup>4</sup>
				Item 4(a) <sup>5</sup>	Item 4(b) <sup>6</sup>	Item 4(c) <sup>7</sup>	
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 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 <sup>12</sup> –	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 <sup>12</sup> –	CHF 1,330	15	–	–	–	AT EP
MA	MAD 600 <sup>19</sup>	CHF 1,330	15	–	200	300	AT EP RU SE
MC	EUR 54 <sup>20</sup>	EUR 1,163	13	–	–	–	EP
MD	EUR 100	USD 1,366	15	–	–	–	EP RU
ME	EUR <sup>12</sup> –	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 <sup>21</sup>	USD 1,366	15	–	205	308	AT CLEPESKRSESG US
MY	MYR 500 (e-filing) <sup>22</sup> 550 (paper filing) <sup>22</sup>	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 <sup>12</sup> –	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	AT AU EGEPUS
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	AT BR CLEPESKRUS
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 <sup>23</sup>	CHF 1,330 or EUR 1,163	CHF 15 or EUR 13	–	CHF 200 or EUR 175	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 <sup>12</sup> –	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 <sup>24</sup>	EUR 1,163	13	–	175	262	EP XV

[continued on next page]

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

(amounts on 1 June 2018, unless otherwise indicated)

RO	Transmittal fee <sup>1</sup>		International filing fee <sup>1,2</sup>		Fee per sheet over 30 <sup>1,2,3</sup>	E-filing reductions according to Schedule of Fees:			Competent ISA(s) <sup>4</sup>
						Item 4(a) <sup>5</sup>	Item 4(b) <sup>6</sup>	Item 4(c) <sup>7</sup>	
SM	EUR	100	EUR	1,163	13	–	–	–	EP
SV	USD	200	USD	1,366	15	–	–	–	CL EP ES
SY	USD <sup>12</sup>	–	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 <sup>12</sup>	–	USD	1,366	15	–	–	–	EP RU
TM	USD <sup>12</sup>	–	USD	1,366	15	–	–	–	EP RU
TN	TND <sup>12</sup>	–	CHF	1,330	15	–	–	–	EP
TR	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) <sup>25</sup>	1,300	USD (or eq UAH or EUR)	1,366	15	–	–	–	EP RU UA
US	USD	240 <sup>26</sup> small entity <sup>27</sup> : 120 <sup>26</sup> micro entity <sup>27</sup> : 60 <sup>26</sup>	USD	1,366	15	103	205	–	AU EP IL JP KR RU SG US
UZ	USD <sup>12</sup>	–	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	17,050	190	–	2,560	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 June 2018, unless otherwise indicated)

ISA	Search fee <sup>1</sup>											
AT <sup>28</sup>	EUR	1,875	CHF	2,145	KRW	2,423,000	SGD	3,000	USD	2,202	ZAR	28,390
AU	AUD	2,200	CHF	1,677	EUR	1,376	KRW	1,803,000	NZD	2,391	SGD*	2,343
	USD	1,722	ZAR	21,370								
			* (from 1.8.18: SGD	2,210)								
BR <sup>9</sup>	Online:		BRL	1,685	CHF***	489	EUR**	419	USD*	533		
	* (from 1.7.18: USD		484)									
	** (from 1.8.18: EUR		385)									
	*** (from 1.9.18: CHF		450)									
	On paper:		BRL	2,525	CHF	732	EUR**	628	USD*	799		
	* (from 1.7.18: USD		725)									
	** (from 1.8.18: EUR		576)									
	*** (from 1.9.18: CHF		675)									
CA	CAD	1,600	CHF	1,246	EUR	1,012	USD	1,279				
CL	USD	2,000	CHF	1,948	EUR	1,703						
	In case of filing by a natural person or a legal entity <sup>2</sup> :		USD	400	CHF	390	EUR	341				
	In case of filing by a university <sup>29</sup> :		USD	300	CHF	292	EUR	255				
CN	CNY	2,100	CHF**	308	EUR	269	USD*	316				
	* (from 1.7.18: USD		335)									
	** (from 1.8.18: CHF		331)									
EG <sup>30</sup>	EGP	4,000	CHF	221	EUR	193	USD	227				
EP <sup>31</sup>	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	* (from 1.8.18: SEK	18,670)								
ES <sup>31</sup>	EUR	1,775	CHF	2,059	USD	2,207						
FI	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 June 2018, unless otherwise indicated)

ISA	Search fee <sup>1</sup>											
JP <sup>18</sup>	For international applications in Japanese:											
	JPY	70,000	CHF	605	EUR	529	KRW	712,000	USD	657		
	For international applications in English:											
	JPY	156,000	CHF	1,349	EUR	1,179	SGD	1,885	USD	1,465		
KR	For international applications in Korean:											
	KRW	450,000	AUD	549	CHF	410	EUR	334	NZD	602	SGD	534
	USD	422										
	** (from 1.8.18:	EUR	359)									
	For international applications in English:											
	KRW	1,300,000	AUD	1,587	CHF	1,184	EUR	966	NZD	1,740	SGD	1,544
	USD	1,218										
	** (from 1.8.18:	EUR	1,038)									
RU	For international applications in Russian:											
	RUB	8,500	CHF	143	EUR*	125	USD*	147				
	* (from 1.8.18:	EUR	114	USD	136)							
	For international applications in English:											
		RUB	40,000	CHF	673	EUR*	588	USD*	691			
	* (from 1.8.18:	EUR	535	USD	638)							
SE	SEK*	17,390	CHF	2,059	DKK	13,210	EUR	1,775	ISK	221,900	NOK	16,990
	USD	2,207										
	* (from 1.8.18:	SEK	18,670)									
SG	SGD	2,240	CHF	1,603	EUR	1,401	JPY	185,300	USD	1,646		
TR	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	25,680		
	For small entity <sup>27</sup> :	USD	1,040	CHF	1,013	EUR	886	NZD	1,445	ZAR	12,840	
	For micro entity <sup>27</sup> :	USD	520	CHF	506	EUR	443	NZD	722	ZAR	6,420	
XN	DKK	13,210	CHF	2,059	EUR	1,775	ISK	221,900	NOK	16,990	SEK*	17,390
	USD	2,207	* (from 1.8.18:	SEK	18,670)							
XV	EUR	1,775	CHF	2,059	HUF	550,400	USD	2,207				

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

ISA	Supplementary search fee	Supplementary search handling fee <sup>2, 32</sup>
AT	– for a search of the German-language documentation:	CHF 200
	CHF 972	
	– 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 2,059	CHF 200
FI	CHF 2,059	CHF 200
RU	CHF 198 (317) <sup>33</sup>	CHF 200
SE	CHF 2,059	CHF 200
SG	CHF 1,603	CHF 200
TR	– for a full search:	CHF 200
	CHF 2,059	
	– 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 200
	CHF 114	
	– 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:	CHF 200
	CHF 2,059	
	– for searches only of documentation in Danish, Icelandic, Norwegian and Swedish:	
	CHF 615	
XV	– for a full search:	CHF 200
	CHF 2,059	
	– for searches only of documentation in Czech, Hungarian, Polish and Slovak:	
	CHF 629	

**Table II — Preliminary examination fees**

(amounts on 1 June 2018, unless otherwise indicated)

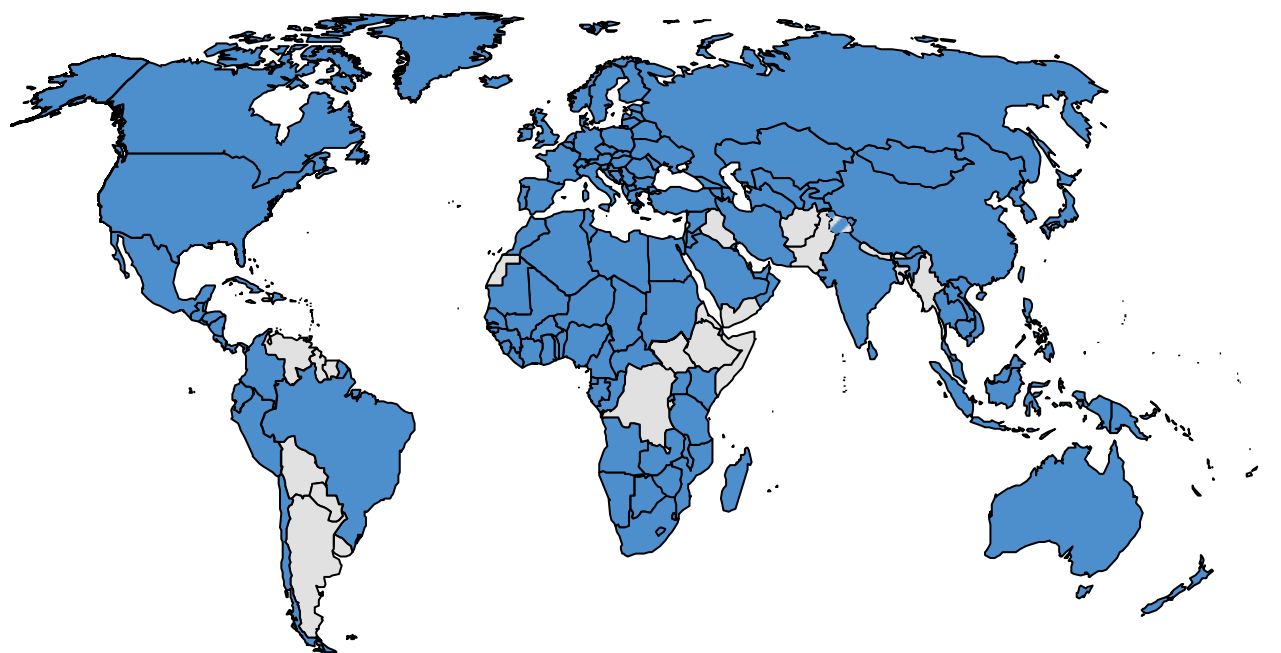
<b>IPEA</b>	<b>Preliminary examination fee<sup>34</sup></b>		<b>Handling fee<sup>2, 34</sup> (CHF 200)</b>		
<b>AT</b>	<b>EUR<sup>29</sup></b>	1,749	<b>EUR</b>	175	
<b>AU</b>	<b>AUD</b>	590	820 <sup>35</sup>	<b>AUD</b> 262	
<b>BR</b>	Online: <b>BRL<sup>9</sup></b>	630	On paper: <b>BRL<sup>9</sup></b>	945	<b>BRL eq CHF</b> 200
<b>CA</b>	<b>CAD</b>	800	<b>CAD</b>	257	
<b>CL</b>	<b>USD</b>	1,500	in case of filing by a natural person or a legal entity <sup>2</sup> : <b>USD</b> 400 in case of filing by a university <sup>29</sup> : <b>USD</b> 300		
<b>CN</b>	<b>CNY</b>	1,500	<b>CNY eq CHF</b>	200	
<b>EG</b>	<b>EGP<sup>30</sup></b>	3,000	<b>USD</b>	205	
<b>EP</b>	<b>EUR<sup>31</sup></b>	1,830	<b>EUR</b>	175	
<b>ES</b>	<b>EUR<sup>31</sup></b>	583.65	<b>EUR</b>	175	
<b>FI</b>	<b>EUR</b>	600	<b>EUR</b>	175	
<b>IL</b>	<b>ILS</b>	1,511	<b>ILS</b>	726	
<b>IN</b>	INR 12,000; in case of filing by individual if ISR prepared by ISA/IN: <b>INR</b> 3,000 INR 10,000; in case of filing by individual: <b>INR</b> 2,500		<b>USD</b>	205	
<b>JP</b>	For international applications in Japanese: <b>JPY</b> 26,000 <sup>18</sup> For international applications in English: <b>JPY</b> 58,000		<b>JPY</b>	23,100	
<b>KR</b>	<b>KRW</b>	450,000	<b>KRW</b>	220,000	
<b>RU</b>	For international applications in Russian: <b>RUB</b> 4,500 <sup>36</sup> 6,750 <sup>37</sup> For international applications in English: <b>RUB</b> 16,000 <sup>36</sup> 24,000 <sup>37</sup>		<b>USD</b>	205	
<b>SE</b>	<b>SEK</b>	5,000	<b>SEK</b>	1,680	
<b>SG</b>	<b>SGD</b>	830	<b>SGD</b>	280	
<b>TR</b>	<b>TRY</b>	1,000	<b>CHF</b>	200	
<b>UA</b>	– if the ISR has been prepared by ISA/UA: <b>EUR</b> 160 – if the ISR has been prepared by another ISA: <b>EUR</b> 180		<b>EUR</b>	175	
<b>US</b>	<b>USD</b>	600	760 <sup>38</sup>	<b>USD</b> 205	
	For small entity <sup>27</sup> :	<b>USD</b> 300	380 <sup>38</sup>		
	For micro entity <sup>27</sup> :	<b>USD</b> 150	190 <sup>38</sup>		
<b>XN</b>	<b>DKK</b>	5,000	<b>DKK</b>	1,300	
<b>XV</b>	<b>EUR</b>	900	<b>EUR</b>	175	

[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: <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](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 For international applications filed before 1 April 2018.
- 9 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 (Brazil) No. 129/14 of 10 March 2014.
- 10 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.
- 11 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.
- 12 The amount of this fee is not yet known. The Office should be consulted for the latest applicable schedule of fees.
- 13 This fee is reduced by 70% where the applicant is a natural person.
- 14 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.
- 15 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>
- 16 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).
- 17 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).
- 18 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: [http://www.jpo.go.jp/tetuzuki/ryoukin/chusho\\_keigen.htm](http://www.jpo.go.jp/tetuzuki/ryoukin/chusho_keigen.htm)
- 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](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 June 2018)



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

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

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

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

<sup>4</sup> Validation of European patent possible.

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

<sup>6</sup> 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.