

# PCT NEWSLETTER

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## Withdrawal of Notifications of Incompatibility of Certain PCT Articles and Rules with National Laws

### Uganda (PCT Article 22(1))

Further to its notification of incompatibility of PCT Article 22(1) as modified with effect from 1 April 2002, with its national law (see *PCT Newsletter* No. 02/2002, cover page), the Patents Registry, Registrar General's Department, Ministry of Justice (Uganda), in its capacity as designated Office, has notified the International Bureau (IB) that it has withdrawn its notification with effect from 1 April 2015. The 30-month time limit under PCT Article 22(1) therefore applies as from 1 April 2015 in respect of international applications entering the national phase in Uganda for which the 21-month time limit expired on or after that date and in respect of which the acts referred to in PCT Article 22(1) have not yet been performed by the applicant. The following PCT resources have been updated accordingly:

"Time Limits for Entering National/Regional Phase under PCT Chapters I and II" at:

[http://www.wipo.int/pct/en/texts/time\\_limits.html](http://www.wipo.int/pct/en/texts/time_limits.html)

"PCT Reservations, Declarations, Notifications and Incompatibilities" at:

[http://www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html)

and the *PCT Applicant's Guide*, National Chapter, Summary (UG) at:

<http://www.wipo.int/pct/guide/en/gdvol2/annexes/ug.pdf>

### TR Turkey (PCT Rules 49ter.1 and 49ter.2)

The Turkish Patent and Trademark Office (Turkpatent), in its capacity as designated Office (or elected Office) (DO/TR), has notified the IB of the withdrawal, with effect from 10 January 2017, of the following notifications of incompatibility with its national law:

- the notification under PCT Rule 49ter.1(g) (effect of restoration of right of priority by receiving Office) (see *PCT Newsletter* No. 06/2006, page 4), and
- the notification under PCT Rule 49ter.2(h) (restoration of right of priority by designated Office) (see *PCT Newsletter* No. 06/2006, page 5).

As a consequence, the following PCT Rules are applied, respectively, by Turkpatent with effect from 10 January 2017, in respect of international applications entering the national phase on or after that date:

- PCT Rule 49ter.1(a) to (d); and
- PCT Rule 49ter.2(a) to (g)

This means that DO/TR will consider requests for restoration of the right of priority, and, provided that the necessary conditions are met, will accept such a decision made by another Office acting as receiving Office (RO), in respect of international applications which have entered the national phase on or after 10 January 2017.

Furthermore, the Office, in its capacity as DO, has notified the IB under PCT Rule 49ter.2(g) that it applies the criterion of “due care” in respect of requests for restoration received by the Office as designated (or elected) Office<sup>1</sup>, and that the fee for such a request is TRY 1,890.

This information updates the *PCT Applicant’s Guide*, National Chapter, Summary (TR), as well as the tables of “Restoration of the right of priority” and “PCT Reservations, Declarations, Notifications and Incompatibilities” at, respectively:

<http://www.wipo.int/pct/en/texts/restoration.html>

[http://www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html)

## **USPTO Procedure for Filing Patent Applications Electronically during a Designated Significant Unplanned Electronic Business Systems Outage**

From 15 to 23 August 2018, the United States Patent and Trademark Office (USPTO) experienced a “significant unplanned electronic business system outage” which meant that PCT applicants may have been unable to file international applications with the USPTO as receiving Office (RO/US) using their electronic filing system. As a consequence of this and in anticipation of any other future systems outages, the USPTO has issued a notice prescribing a procedure for filing patent applications by “alternative electronic means” during a designated significant unplanned electronic business system outage, including information on how to obtain reimbursement of (or avoid payment of, where it has not yet been paid) the non-electronic filing fee portion of the transmittal fee prescribed by 37 CFR 1.445(a)(1)(ii).

The alternative filing methods concerned are those permitted by 37 CFR 1.6, such as Priority Mail Express® service<sup>2</sup> of the U.S. Postal Service or hand delivery. In addition, a copy of the application must be filed via EFS-Web (or via the new “Patent Center”) within the appropriate time period.

If the RO/US issues the Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) with a Notification Concerning Payment of Prescribed Fees (Form PCT/RO/102) indicating that a fee is required, the copy of the application must be submitted as a follow-on document before the expiration of the time limit set out in Form PCT/RO/102. Pursuant to PCT Rule 16bis.1(d), payment received by the RO/US before it sends an Invitation to Pay Prescribed Fees Together with Late Payment Fee (Form PCT/RO/133) shall be considered to have been received before the expiration of the time limit set out in Form PCT/RO/102. The USPTO will treat a copy of the application submitted

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<sup>1</sup> Note that Turkpatent already applied the criterion of due care in respect of requests for restoration received by the Office as RO under PCT Rule 26bis.3.

<sup>2</sup> Unless an application is filed using this service, the filing date of the application will be the date on which the application is received at the USPTO headquarters in Alexandria, Virginia.

with payment of any fee deficiency before issuance of Form PCT/RO/133 as received before the expiration of the time limit set out in Form PCT/RO/102.

If the RO/US issues Form PCT/RO/105 with a Form PCT/RO/102 that does not indicate that a fee is required, the copy of the application must be submitted as a follow-on document within one month from the date of issue of Form PCT/RO/105.

The copy of the international application filed via EFS-Web (or via Patent Center) must be filed as a follow-on paper in the application, and not as a new application, and must be accompanied by a statement that it is a true copy of the original application as filed by the alternative filing method during the designated significant unplanned electronic business system outage. Form PTO/SB/448 has been developed for use in this procedure. Note that the copy of the application should not be filed until the applicant has received Form PCT/RO105 identifying the PCT number assigned to the application.

An application filed by the alternative electronic means in such circumstances, and which meets the necessary requirements, will be considered to have been filed by the USPTO's electronic filing system, and thus will not incur the non-electronic filing fee portion of the transmittal fee mentioned above. Note, however, that following the procedure outlined above does not result in any electronic filing discount in the international filing fee.

In the event of an electronic business system outage, applicants may wish to consider filing the international applications directly with the International Bureau as receiving Office, rather than with RO/US if the necessary foreign filing licenses have been obtained.

Further information concerning this procedure, including Form PTO/SB/448, can be found on the USPTO website at:

<https://www.uspto.gov/patent/fees-payment-information/filing-patent-applications-electronically-during-designated>

## **PCT Patent Prosecution Highway (PCT-PPH) Pilots**

### **New pilots (United Kingdom and Brazil; Denmark and Brazil)**

New one-way PCT-PPH pilot programs started between the Intellectual Property Office (United Kingdom) and the National Institute of Industrial Property (Brazil) (INPI) (on 1 August 2018), and between the Danish Patent and Trademark Office and INPI (on 1 September 2018).

Under these programs, accelerated processing in the national phases in the United Kingdom and Denmark, is available on the basis of a PCT application with a positive written opinion from either the International Searching Authority (ISA) or the International Preliminary Examining Authority (IPEA), or a positive international preliminary report on patentability (IPRP) (Chapter II), issued by INPI in its capacity as ISA/IPEA.

For further information on the PCT-PPH pilot between INPI and the Intellectual Property Office (United Kingdom), see Part 2 of the document at:

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/729736/PPH\\_Filing\\_Instructions.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/729736/PPH_Filing_Instructions.pdf)

For information on the PCT-PPH pilot between INPI and the DKPTO, see:

<http://internationalcooperation.dkpto.org/patent-prosecution-highways/pphpct-pph-between-denmark-and-brazil.aspx> and

<http://internationalcooperation.dkpto.org/media/23037362/pct-pph%20brazil%20guidelines.pdf>

### **Extension of PPH pilot to include PCT work products (Canada and China)**

On 1 September 2018, the current PPH pilot program between the Canadian Intellectual Property Office (CIPO) and the State Intellectual Property Office of the People's Republic of China (SIPO) was extended to become a PCT-PPH program which includes PCT work products. Therefore, accelerated processing in the national phase in Canada and/or China is available on the basis of a PCT application with a positive written opinion from either the International Searching Authority (ISA) or the International Preliminary Examining Authority (IPEA), or a positive international preliminary report on patentability (IPRP) (Chapter II), issued by the other participating Office in its capacity as ISA/IPEA.

For further information see:

<http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr03676.html>

<http://www.cnipa.gov.cn/ztlz/zlscgslpphzi/pphzn/1131896.htm>

The PCT-PPH page of the PCT website has been updated to include this new information at:

[http://www.wipo.int/pct/en/filing/pct\\_pph.html](http://www.wipo.int/pct/en/filing/pct_pph.html)

## **Collaborative Search and Examination Update**

### **European Patent Office: quota reached for Collaborative Search and Examination pilot**

The last issue of the *PCT Newsletter* (No. 07-08/2018) gave details of a Collaborative Search and Examination (CS&E) pilot, whereby the IP5 Offices (the European Patent Office (EPO), the Japan Patent Office, the Korean Intellectual Property Office, the State Intellectual Property Office of the People's Republic of China and the United States Patent and Trademark Office) would all contribute towards the international search report and written opinion for a particular international application. The pilot, which uses applications in respect of which the applicant has submitted a request to participate, will ideally select applications which make up a representative distribution of applicants, technology and other factors. Each participating IP5 Office may process around 50 international applications as main International Searching Authority (ISA) during the first year (July 2018 to June 2019) and a similar amount in the second year (July 2019 to June 2020). As a result, each IP5 Office will also be processing around 200 international applications per year as peer ISA.

The EPO has notified the International Bureau (IB) that, as main ISA, it has already accepted in the pilot over 40 applications in English. These applications cover all fields of technology and were filed with the EPO, the USPTO and the IB as receiving Office. In view of the fact that the EPO would like to complete this year's quota with about 10 international applications in French and German as from January 2019, it can no longer accept new incoming requests for participation in the pilot based on international applications in English. PCT applicants filing in English who are still interested in participating in the pilot with the EPO as main ISA are

encouraged to apply as early as possible in the second year of the operational phase of the pilot starting 1 July 2019 when the second set of 50 international applications will be accepted by the EPO.

For further information, please see the information published on the EPO website at:

<https://www.epo.org/service-support/updates/2018/20180914.html>

Please note that as far as the other participating Offices are concerned, they are not yet close to their limits for the first year.

For further information on the CS&E pilot in general, please see the PCT website at:

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

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

### **Offices which no longer accept PCT-SAFE filings**

The following Offices have notified the International Bureau that, with effect from 1 October 2018, they will no longer accept international applications in electronic form using the PCT-SAFE software:

- the National Institute of Industrial Property (Portugal) (which already accepts international applications filed electronically using ePCT-Filing or EPO Online Filing);
- the Patent Office of the Republic of Poland (which already accepts international applications filed electronically using ePCT-Filing or EPO Online Filing);
- the State Office for Inventions and Trademarks (Romania) (which already accepts international applications filed electronically using EPO Online Filing); and
- the State Patent Bureau of the Republic of Lithuania (which already accepts international applications filed electronically using EPO Online Filing).

This information updates *PCT Applicant's Guide*, Annex C (LT, PL, RO and PT).

## **PCT Information Update**

### **CN China (fees)**

The State Intellectual Property Office of the People's Republic of China has notified the International Bureau (IB), in connection with the examination fee payable to it as designated (or elected) Office, that a refund of 50% of that fee may be requested where the application has entered the substantive examination stage and the application is voluntarily withdrawn prior to the expiration of the time limit for responding to the first examination opinion (except when a response has already been submitted).

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



**PL Poland (electronic filing)**

For information on the non-acceptance by the Patent Office of the Republic of Poland, in its capacity as receiving Office, of international applications filed in electronic form using the PCT-SAFE software, see “Electronic Filing and Processing of International Applications,” above.

**PT Portugal (electronic filing; fees)**

The amounts of the following fees, payable to the National Institute of Industrial Property (Portugal) as receiving Office, have changed with effect from 1 July 2018:

Transmittal fee:

|  |     |        |
|--|-----|--------|
| – where the international application is filed online: ..... | EUR | 10.67  |
| – where the international application is filed on paper:.... | EUR | 21.33  |
| Fee for priority document: .....                             | EUR | 42.64  |
| Fee for requesting restoration of the right of priority:     |     |        |
| – where the request is filed online:.....                    | EUR | 159.91 |
| – where the request is filed on paper: .....                 | EUR | 319.83 |

For information on the non-acceptance by the National Institute of Industrial Property (Portugal) in its capacity as receiving Office, of international applications filed in electronic form using the PCT-SAFE software, see “Electronic Filing and Processing of International Applications,” above.

(Updating of *PCT Applicant’s Guide*, Annex C (PT))

**RO Romania (electronic filing)**

For information on the non-acceptance by the State Office for Inventions and Trademarks (Romania), in its capacity as receiving Office, of international applications filed in electronic form using the PCT-SAFE software, see “Electronic Filing and Processing of International Applications,” above.

**SE Sweden (fees)**

As from 1 November 2018, there will be a change in the equivalent amounts of the international filing fee and the fee per sheet over 30, payable in SEK to the Swedish Patent and Registration Office as receiving Office, as well as a change in the equivalent amount in SEK of the applicable fee reductions listed in item 4 of the Schedule of Fees, as indicated in Fee Table I(a).

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

**UG Uganda (name of Office; location; mailing address; telephone and fax numbers; e-mail and Internet addresses; provisions concerning international-type search; time limit for entry into the national phase)**

The name, location, mailing address and telephone numbers of the Patents Registry, Registrar General’s Department, Ministry of Justice (Uganda) have changed, and the Office has notified its e-mail and Internet addresses, as follows:

|                  |   |
|------------------|---|
| Name of Office:  | Uganda Registration Services Bureau (URSB)                  |
| Location:        | Plot 5 George Street<br>Georgian House<br>Kampala<br>Uganda |
| Mailing address: | P.O. Box 6848<br>Kampala<br>Uganda                          |
| Telephone:       | (256-41) 733 80 00, 733 81 00                               |
| E-mail:          | ursb@ursb.go.ug   |
| Internet:        | www.ursb.go.ug  |

The Office has discontinued the use of its facsimile machine. As a result, the Office no longer accepts the filing of documents by fax, and now accepts the submission of documents by e-mail.

Furthermore, the Office has notified the provision of the law of Uganda concerning international-type search. The relevant provision is: Section 30 of the Industrial Property Act, 2014.

For information on the change in the time limit for entry into the national phase in Uganda, please see “Withdrawal of Notifications of Incompatibility of Certain PCT Articles and Rules with National Laws”, above.

(Updating of *PCT Applicant’s Guide*, Annex B1 (UG))

**Search fee and other fees relating to the international search (Federal Service for Intellectual Property (ROSPATENT) (Russian Federation), Indian Patent Office, Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property, State Intellectual Property Office of the People’s Republic of China, Swedish Patent and Registration Office)**

There has been a change in the amount payable in EUR, as well as in the equivalent amounts in CHF and USD, with effect from 1 September 2018, for an international search carried out by the Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property, as indicated in Fee Table I(b). Note that the search fee is now separated into two categories: an amount for an application in English, French or German, and a different amount for an application in Ukrainian or Russian. There has also been a change in the amount of the following fees payable with effect from the same date:

|  |     |      |
|--|-----|------|
| Additional search fee for an application in English, French or German:.....          | EUR | 300  |
| Additional search fee for an application in Ukrainian or Russian: .....              | EUR | 100  |
| Fee for copies of documents cited in the international search report, per page ..... | EUR | 0.40 |
| Protest fee: .....   | EUR | 20   |

Furthermore, the Office has notified a fee for copies of documents contained in the file of the international application, payable with effect from 1 September 2018 – the amount is EUR 0.90 per page.

There has been a change in the equivalent amount in USD payable with effect from 1 September 2018 for an international search carried out by the Swedish Patent and Registration Office, as indicated in Fee Table I(b).

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

|  |     |
|--|-----|
| Indian Patent Office .....   | USD |
| State Intellectual Property Office of the People’s Republic of China .....       | CHF |
| Federal Service for Intellectual Property (Rospatent) (Russian Federation) ..... | CHF |

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

(Updating of *PCT Applicant’s Guide*, Annex D (CN, IN, RU, SE, and UA))

**Supplementary search fee (Federal Service for Intellectual Property (ROSPATENT) (Russian Federation), Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property)**

There has been a change in the amounts and categories of fee payable in CHF, with effect from 1 September 2018, for a supplementary international search carried out by the Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property, as indicated in Fee Table I(c). There will also be a change in the amount of the following fee payable from the same date:

|  |     |      |
|--|-----|------|
| Fee for copies of documents cited in the supplementary international search report, per page:..... | EUR | 0.40 |
|--|-----|------|

Furthermore, the Office has notified a fee for copies of documents contained in the file of the international application, also payable with effect from 1 September 2018 – the amount is EUR 0.90 per page.

As from 1 November 2018, there will be a change in the amounts payable in CHF for a supplementary international search carried out by the Federal Service for Intellectual Property (ROSPATENT), as indicated in Fee Table I(c).

(Updating of *PCT Applicant’s Guide*, Annex SISA (RU and UA))

**Preliminary examination fee and other fees relating to international preliminary examination (Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property, Swedish Patent and Registration Office)**

There has been a change in the amount payable in EUR, with effect from 1 September 2018, for a preliminary examination carried out by the Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property, as indicated in Fee Table II. Note that the preliminary examination fee is now separated into two categories: an amount for an application in English, French or German, and a different amount for an application in Ukrainian or Russian.

There have also been changes in the amounts of the following fees payable with effect from the same date:

|  |     |      |
|--|-----|------|
| Additional preliminary examination fee for an application in English, French or German:..... | EUR | 180  |
| Additional preliminary examination fee for an application in Ukrainian or Russian: .....     | EUR | 60   |
| Fee for copies of documents cited in the international preliminary examination report: ..... | EUR | 0.40 |
| Protest fee: .....   | EUR | 20   |

Furthermore, the Office has notified a fee for copies of documents contained in the file of the international application, payable with effect from 1 September 2018 – the amount is EUR 0.90 per page.

There has been a change in the amount of the handling fee, payable with effect from 1 September 2018 to the Swedish Patent and Registration Office as International Preliminary Examining Authority. The new amount is SEK 1,790.

(Updating of *PCT Applicant's Guide*, Annex E (SE and UA))

## New/updated PCT Resources

### Meeting documents (PCT Assembly)

Documents which have been prepared for the fiftieth (29<sup>th</sup> extraordinary) session of the International Patent Cooperation Union (PCT Union) (PCT Assembly), to be held in Geneva during the period from 24 September to 2 October 2018, are available at:

[http://www.wipo.int/meetings/en/details.jsp?meeting\\_id=47815](http://www.wipo.int/meetings/en/details.jsp?meeting_id=47815)

### Request and Demand Forms (in Chinese)

The Chinese version of the request form (PCT/RO/101) and the demand form (PCT/IPEA/401) have been revised with effect from 1 July 2018, and are available in editable PDF at, respectively:

[http://www.wipo.int/pct/zh/forms/request/ed\\_request.pdf](http://www.wipo.int/pct/zh/forms/request/ed_request.pdf)

[http://www.wipo.int/pct/zh/forms/demand/ed\\_demand.pdf](http://www.wipo.int/pct/zh/forms/demand/ed_demand.pdf)

### Modified PCT Receiving Office Guidelines in Russian

The consolidated version of the PCT Receiving Office Guidelines, revised with effect from 1 July 2018, is now available in Russian at:

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

## WIPO 2017 PCT User Survey

The third PCT User Survey was conducted in 2017 in an effort to assess customer satisfaction in respect of all aspects of the PCT, and to help determine which areas of the services provided should be improved upon.

The Survey, which was available in nine languages, was completed by nearly 2,000 respondents from 15 countries who expressed high levels of satisfaction with the PCT System as a whole, as well as with the IB and other Offices/Authorities, and their responses demonstrated improvements over the baselines established in the previous PCT Survey in 2015. The main results were as follows:

- the overall global satisfaction indicator for the PCT information products and services provided by WIPO remained high at 90%;
- the PCT training provided by WIPO received a user satisfaction rating of 94%;
- the PCT services provided by other Offices and Authorities as a whole, and in their various capacities as receiving Office, International Searching Authority, and International Preliminary Examining Authority, received a user satisfaction rating of 91%;
- customers confirmed the quality of PCT staff contacts (friendly, competent, solution-oriented, reactive) as well as the quality of information systems (as to content and accuracy), and training programs; and
- although the perceived quality of non-WIPO PCT services is good, a number of specific suggestions for improvement were received from PCT users, including the availability of receiving Office staff, and the quality of the written opinion of the International Searching Authority and the international preliminary examination report.

The IB is already taking steps to address the areas where users have suggested improvements to the services provided by the IB. Specific issues and comments made by survey respondents in respect of the PCT services provided by individual Offices in the various PCT capacities will be communicated to each Office concerned.

The results of the Survey are available at:

[http://www.wipo.int/edocs/mdocs/pct/en/pct\\_wg\\_11/pct\\_wg\\_11\\_presentation\\_user\\_survey.pdf](http://www.wipo.int/edocs/mdocs/pct/en/pct_wg_11/pct_wg_11_presentation_user_survey.pdf)

We would like to sincerely thank those of you who took the time to complete the survey. Wherever possible, the IB will try to take those comments into account. If you missed the opportunity to take part in the survey, please note that PCT users may send comments and feedback at any time to the e-mail address of the PCT Legal Division: [pct.legal@wipo.int](mailto:pct.legal@wipo.int), and the next survey will take place in 2019.

## WIPO Pearl Update

It is recalled that WIPO Pearl, WIPO's multilingual terminology portal, gives free access to a wealth of scientific and technical terms derived from PCT applications and national patent documents, as well as to key PCT legal terms, in all 10 publication languages of the PCT. It helps to promote accurate and consistent use of terms across those languages, and makes it easier to search and share scientific and technical knowledge.

## Improved terminology database

The WIPO Pearl terminology database has been updated with 15,000 new terms and 2,500 new concept relations, and now contains over 160,000 patent terms, all validated by WIPO-PCT language experts. A total of 17,000 concepts (85%) are linked to other concepts in the database, and these relationships can be browsed in the “Concept Map Search”. Further relationships can be shown in unvalidated “concept clouds” produced via a machine learning algorithm.

It is recalled that the Concept Map Search also contains a feature called “Concept Path Search” which allows users to find the path between two concepts in any of the 10 languages, showing all the related concepts in between, and to send all or some of these terms, and their synonyms too if desired, to PATENTSCOPE for use in a combined keyword search. This allows documents to be retrieved from PATENTSCOPE in a highly targeted manner. It is further recalled that the “Linguistic Search” likewise contains a link to PATENTSCOPE whereby any term retrieved from the database can be searched directly in the PATENTSCOPE corpus so as to identify all patents containing that term.

## Collaboration with the Government of Canada

The update includes 110 multilingual terminology records resulting from collaboration with the Terminology Standardization Division, Translation Bureau, Government of Canada, which defined key terminology in the breakthrough artificial intelligence field of conversational interfaces, or “chatbots”. Expert validation of the terms and the concept maps was provided by specialists in this field at Concordia University, Dalhousie University, Laval University (all in Canada), and by Microsoft Canada.

## Collaboration with universities

The new release also includes 540 multilingual terminology records provided by students at the following universities, following WIPO’s validation: Dublin City University (Ireland), Zurich University of Applied Sciences (Switzerland), the University of Manchester (United Kingdom) and the University of Illinois at Urbana-Champaign (United States of America).

Any universities interested in taking part in a terminology collaboration of this kind are invited to contact WIPO at the following e-mail address: [wipopearl@wipo.int](mailto:wipopearl@wipo.int)

WIPO Pearl is available at:

<http://www.wipo.int/reference/en/wipopearl/>

## PATENTSCOPE Search System

### PowerPoint presentations

Between November 2017 and July 2018, the following webinars on the PATENTSCOPE search system were given:

- How to combine different interfaces, features, operators, etc., to build complex queries (November 2017)
- Retrospective of 2017 and plans for the future (December 2017)

- How to use the chemical search feature (January 2018)
- How to build complex queries (February 2018)
- Demonstration of the different translation tools in PATENTSCOPE (March 2018)
- Features and tools available in PATENTSCOPE (April 2018)
- Demonstration of basic search features (May 2018)
- Case study involving complex queries (June 2018)
- Demonstration of chemical structure search (July 2018)
- IPC and its use in PATENTSCOPE (August 2018)

The PowerPoint slides that were used for those webinars are available at:

<http://www.wipo.int/patentscope/en/webinar/>

Future webinars are announced in the PCT Seminar Calendar.

## Practical Advice

### The differences between the various reports produced during the international search and preliminary examination procedures

*Q: Please could you describe the differences and outline the relationship between the international search report, the written opinion of the International Searching Authority, the International Preliminary Report on Patentability (Chapter I) and the International Preliminary Report on Patentability (Chapter II)?*

A: Although there are a number of different types of reports produced by the International Searching and Preliminary Examining Authorities and the International Bureau (IB), they are very much inter-related. They are usually established at different stages of the international phase and some of the reports are optional and are only established upon the request of the applicant. A brief description and comparison of the various reports follows.

#### 1. International search report (ISR)

The ISR (Form PCT/ISA/210) is established by the International Searching Authority (ISA) (provided that it does not make a declaration referred to in PCT Article 17(2)(a) that no ISR will be established<sup>3</sup>) within three months from the receipt of the search copy by the ISA (that is, the ISA's copy of the international application) or nine months from the priority date, whichever time limit expires later (PCT Rule 42).

The ISR serves as a basis for the written opinion of the ISA, any international preliminary report on patentability and any examination of the international application by the International Preliminary Examining Authority (IPEA) or by designated (or elected) Offices. It contains, among other things, the citation of any documents considered relevant to the invention claimed,

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<sup>3</sup> This may occur if the ISA considers that the international application relates to a subject matter which the ISA is not required, under the Regulations, to search, and in the particular case decides not to search, or if it considers that the description, the claims, or the drawings fail to comply with the prescribed requirements to such an extent that a meaningful search could not be carried out.

the classification of the subject matter of the invention (according to the International Patent Classification) and an indication of the fields of technology searched, as well as any electronic databases that were searched. It identifies the claims to which cited documents are relevant and also contains an indication of the category of the cited document and its relevance with respect to assessment of novelty or inventive step.

In addition, the ISR will state that the ISA approves the title and abstract as submitted by the applicant, or, if it does not approve one or both of these elements, the ISR will be accompanied by the text of the title and/or abstract as established by the ISA (see PCT Rule 44.2). It is important to note that an ISR does not contain any expression of opinion, reasoning, argument or explanation of any kind whatsoever (see PCT Rule 43).

Once established, the ISR is communicated to the applicant and to the IB. The IB publishes the ISR on PATENTSCOPE on the same day that the international application is published (unless the ISR is received by the IB after the completion of technical preparations for publication<sup>4</sup>, in which case it will be published as soon as possible thereafter).

There is no provision for the applicant to respond to the ISR, except that after receipt of it, the applicant is entitled, under PCT Article 19, to one opportunity to amend the claims of the international application.

It is recalled that a new Collaborative Search and Examination pilot started on 1 July 2018, under which a limited number of ISRs are being/will be established under the collaborative effort of five major ISAs (the IP5 Offices). For further information, see *PCT Newsletter* No. 07-08/2018.

## 2. *Written opinion of the ISA*

At the same time as it establishes the ISR, the ISA establishes a written opinion (WO-ISA) (PCT/ISA/237), a preliminary and non-binding opinion as to patentability of the invention, and as to whether the international application complies with the requirements of the Treaty and Regulations in so far as it is checked by the ISA. The WO-ISA contains a detailed explanation of the relevance of the references contained in the ISR, and analyzes how they affect the potential patentability of the invention, that is, whether the claimed invention appears to be novel, to involve an inventive step (that it is non-obvious), and to be industrially applicable. It is very similar in scope to the written opinion established by the International Preliminary Examining Authority (IPEA) during international preliminary examination (see below). Note that for the purposes of the WO-ISA, the relevant prior art date is the priority date, whereas the prior art date for the ISR is the international filing date.

The WO-ISA is communicated to the IB and the applicant at the same time as the ISR, and is also made publicly available on PATENTSCOPE on the same day that the international application is published (unless it is received by the IB after the completion of technical preparations for publication, in which case it will be published as soon as possible thereafter).

Although there are no special provisions in the PCT Regulations providing for the applicant to comment on the WO-ISA, applicants who are not entirely satisfied with the WO-ISA and who may wish to place on file any comments, arguments or observations may nevertheless submit “informal comments” to the IB, in the event that international preliminary examination is not requested (for further information on submitting informal comments, see *PCT Newsletter* Nos. 01 and 04/2015). (See PCT Rule 43*bis*.)

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<sup>4</sup> Publication of the international application normally takes place promptly after the expiration of 18 months from the priority date (PCT Article 21(2)(a)).

### 3. *The supplementary international search report*

In addition to the “main” international search, the applicant has the option of requesting a supplementary international search by one of the ISAs which offers this service, upon payment of extra fees. The Authority specified for supplementary search conducts a search on the international application as filed, taking into account the ISR and the WO-ISA established by the ISA, should these documents be available before the start of the supplementary international search. The supplementary international search report (SISR) (PCT/SISA/501) is not accompanied by a written opinion, but may include certain explanations with regard to the citations and the scope of the search which might otherwise have been included in a written opinion. The SISR should be established within 28 months from the priority date and is made available on PATENTSCOPE once it has been received by the IB. This service is completely optional, but may be of interest in cases where a more complete overview of the prior art is desired, particularly in situations where specific language coverage is desired. (See PCT Rule 45*bis*).

### 4. *The International Preliminary Report on Patentability (Chapter I) (IPRP Ch. I)*

If a demand for international preliminary examination is not filed, and therefore no international preliminary examination report will be established, the WO-ISA will form the basis for the issuance by the IB of a report on behalf of the ISA entitled “international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)” (hereinafter “IPRP Ch. I”) (PCT/IB/373) (see PCT Rule 66.1*bis*(a)). The IB communicates a copy of the IPRP Ch. I to the designated Offices, together with any informal comments submitted by the applicant, and also makes it available on PATENTSCOPE for public inspection after the expiration of 30 months from the priority date. (See PCT Rule 44*bis*.)

### 5. *The International Preliminary Report on Patentability (Chapter II) (IPRP Ch. II) (also known as the International Preliminary Examination Report)*

If a demand for international preliminary examination is filed in respect of an international application, the WO-ISA will generally be used by the IPEA as its own first written opinion, unless the IPEA notifies the IB to the contrary, and the applicant will be invited to submit to the IPEA, before the expiration of the time limit under PCT Rule 54*bis*.1(a)<sup>5</sup>, a written reply together with amendments, where appropriate (PCT Rule 43*bis*.1(c)). Even if the WO-ISA is not considered a written opinion of the IPEA, it should nevertheless be taken into account by the IPEA. The IPEA will also conduct a mandatory “top-up search” to discover relevant prior art documents which have been published or have become available to the IPEA subsequent to the date on which the ISR was established. Exceptionally, the IPEA may issue an additional written opinion, in which case the applicant will be given the opportunity to present further amendments or arguments.

Finally, the IPEA prepares the IPRP Ch. II (PCT/IPEA/409), a non-binding opinion on the patentability of the invention which essentially contains a statement, in relation to each claim, on whether it appears to satisfy the criteria of novelty, inventive step and industrial applicability, and is accompanied by the citation of the documents believed to support that conclusion. If the report is based on the PCT application in an amended form, a copy of all sheets containing amendments will be annexed to the report. The IPRP Ch. II is normally issued before the

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<sup>5</sup> Whichever of the following periods expires later: three months from the date of transmittal to the applicant of the ISR (or declaration under PCT Article 17(2)(a)), and of the written opinion established under PCT Rule 43*bis*.1, or 22 months from the priority date.

expiration of 28 months from the priority date, and sent to the applicant and the IB. The IB makes available copies of the report to the elected Offices, but normally not before the expiration of 30 months from the priority date, unless the applicant makes an express request to the elected Office under PCT Article 40(2), for example if early entry into the national phase is being requested. The report is made available for public inspection on PATENTSCOPE after the expiration of 30 months from the priority date. (See PCT Rule 70.)

| <b>PCT Seminar Calendar</b>  |                            |   |   |
|--|----------------------------|---|---|
| (http://www.wipo.int/pct/en/seminar/seminar.pdf)<br>(situation on 17 September 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>17-18 September 2018<br/>Geneva (CH)</b>  | English                    | Advanced Seminar on the PCT: procedural aspects of the international and national phases; recent and future PCT developments; filing and management of PCT applications in ePCT and legal considerations; review of PCT safeguard provisions. Note that attendance is limited to 50 people. No registration fee.<br>WIPO speakers: Mr. Bryan, Mr. Reischle-Park, Ms. Bardini, Ms. Bonvallet, Mr. Yu, Mr. Henninger, Ms. Weiss | Organized by the World Intellectual Property Organization (WIPO) at its Geneva Headquarters<br>Online registration and further information: <a href="http://www.wipo.int/meetings/en/details.jsp?meeting_id=49086">http://www.wipo.int/meetings/en/details.jsp?meeting_id=49086</a><br>Deadline for registrations: 7 September 2018<br>E-mail: <a href="mailto:pct.our@wipo.int">pct.our@wipo.int</a> |
| <b>18 September 2018<br/>Brussels (BE)</b>   | English                    | PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives<br>WIPO speaker: Ms. Schumm<br>Other WIPO speakers on other IP topics: Mr. Forno, Ms Zelenkovska, Ms. Zikova  | WIPO and the Belgian Office for Intellectual Property and the Benelux Office for Intellectual Property (Mr. Alain Lambermont)<br>Tel: (32) 2 277 83 56<br>Fax: (32) 2 277 52 61<br>Internet: <a href="https://economie.fgov.be">https://economie.fgov.be</a>  |
| <b>18-20 September 2018<br/>Kuwait City (KW)</b>                                     | Arabic                     | WIPO Training Seminar on the PCT<br>WIPO speaker: Mr. Jazairy   | Kuwait Trademarks and Patents Department (Mr. Rashid Al Oweihan)<br>E-mail: <a href="mailto:eng_rashid7755@hotmail.com">eng_rashid7755@hotmail.com</a>  |
| <b>19-20 September 2018<br/>Austin, TX (US)</b>                                      | English                    | PCT course within the framework of the "Patent Administration: A Foundation for Success" course<br>Speaker on behalf of WIPO: Mr. Oppedahl  | Patent Resources Group, Inc. (Ms. Theresa Woods)<br>Tel: (1-703) 682 48 60<br>Fax: (1-703) 892 45 10<br>E-mail: <a href="mailto:twoods@patentresources.com">twoods@patentresources.com</a><br>Internet: <a href="http://www.patentresources.com">http://www.patentresources.com</a>   |
| <b>20-21 September 2018<br/>Kiel (DE)</b>  | German                     | PCT presentation on latest developments in the PCT within the framework of the PAFA-Tagung 2018 conference<br>WIPO speaker: Mr. Reischle-Park   | IP for IP Intellectual Property for Intellectual People GmbH (Ms. Annette Kapeller)<br>Tel: (49-0) 6201 844 37 30<br>Fax: (49-0) 6201 98 62 10<br>E-mail: <a href="mailto:info@ipforip.de">info@ipforip.de</a><br>Internet: <a href="http://www.ipforip.de">www.ipforip.de</a>  |
| <b>26 September 2018<br/>London (GB)</b>   | English                    | PCT presentation within the framework of the CIPA Annual Administrators Conference<br>WIPO speaker: Mr. Reischle-Park   | Chartered Institute of Patent Attorneys (CIPA)<br>E-mail: <a href="mailto:CPD@cipa.org.uk">CPD@cipa.org.uk</a>  |
| <b>27 September 2018<br/>London (GB)</b>   | English                    | PCT seminar within the framework of the 17 <sup>th</sup> Annual Conference for Senior Patent Administrators<br>WIPO speaker: Mr. Reischle-Park  | Management Forum Ltd. (Ms. Angela Spall)<br>E-mail: <a href="mailto:angela.spall@falconbury.co.uk">angela.spall@falconbury.co.uk</a>  |
| <b>27 September 2018<br/>Istanbul (TR)</b>   | English                    | PCT workshop "WIPO PCT: Patent Cooperation Treaty, Overview and Developments" within the framework of the 3 <sup>rd</sup> Istanbul International Inventions Fair<br>WIPO speaker: Mr. Kim   | Turkish Patent and Trademark Office<br>E-mail: <a href="mailto:info@istanbul-inventions.org">info@istanbul-inventions.org</a><br>Internet: <a href="http://www.istanbul-inventions.org">www.istanbul-inventions.org</a>   |

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| <b>PCT Seminar Calendar [continued]</b>   |                            |   |  |
|---|----------------------------|---|--|
| <b>Dates and location</b>   | <b>Language of seminar</b> | <b>Nature of seminar; WIPO speakers (and others where known)</b>  | <b>Organizer and contact numbers</b>   |
| <b>27 September 2018</b><br><b>Washington, D.C.</b><br><b>(US)</b>  | English                    | PCT course within the framework of "Intellectual Property Conference for Legal Management Professionals"<br>Speaker on behalf of WIPO:<br>Mr. Oppedahl<br>Other speaker: Mr. Neas (United States Patent and Trademark Office)   | Association of Legal Administrators<br>(Ms. Patricia S. Carrera)<br>E-mail: pcarrera@alanet.org<br>Registration inquiries:<br>registration@alanet.org<br>Internet: <a href="https://www.alanet.org/events/2018-events/intellectual-property-conference">https://www.alanet.org/events/2018-events/intellectual-property-conference</a> |
| <b>1 October 2018</b><br><b>Zurich (CH)</b>   | German                     | Seminar on the latest developments concerning the PCT (CEIPI Course)<br>WIPO speaker: Mr. Henninger   | Centre d'études internationales de la propriété intellectuelle (CEIPI)<br>(Mr. Hansjörg Kley)<br>Tel : (41-52) 226 00 00<br>Fax: (41-52) 226 00 09<br>E-mail: hansjoerg@kley.ch  |
| <b>4 October 2018</b><br><b>Barcelona (ES)</b><br><i>(a limited number of places are available to the public)</i> | English                    | Basic PCT seminar<br>WIPO speaker: Ms. Bonvallet  | Centre d'études internationales de la propriété intellectuelle (CEIPI)<br>(Mr. Antonio López-Carrasco Comajuncosas)<br>Tel: (34-93) 123 31 01<br>E-mail: antonio.lopez-carrascomajuncosas@telefonica.com   |
| <b>5 October 2018</b><br><b>Kraków (PL)</b><br><i>(a limited number of places are available to the public)</i>    | English                    | Basic PCT seminar<br>WIPO speaker: Mr. Henninger  | Centre d'études internationales de la propriété intellectuelle (CEIPI)<br>(Mr. Lukasz Bogdan)<br>Tel: (48-60) 440 64 32<br>E-mail: lukasz.bogdan@gmail.com   |
| <b>7-9 October 2018</b><br><b>Lake Tahoe, NV</b><br><b>(US)</b>   | English                    | Comprehensive PCT Practice<br>Speaker on behalf of WIPO:<br>Mr. Oppedahl  | Patent Resources Group, Inc.<br>(Ms. Theresa Woods)<br>Tel: (1-703) 682 48 60<br>Fax: (1-703) 892 45 10<br>E-mail: twoods@patentresources.com<br>Internet: <a href="http://www.patentresources.com">http://www.patentresources.com</a>   |
| <b>11-12 October 2018</b><br><b>Munich (DE)</b>   | German                     | Advanced PCT seminar<br>WIPO speakers: to be announced  | Forum Institut für Management GmbH<br>Tel: (49-6221) 500 660<br>Fax: (49-6221) 500 666<br>E-mail: s.schilling@forum-institut.de  |
| <b>15 October 2018</b><br><b>Bratislava (SK)</b>  | English                    | PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives<br>WIPO speaker: Mr. Kim<br>Other WIPO speakers on other IP topics:<br>Ms. Roenning, Ms. Zelenkovska, Ms. Zikova<br>Other speaker: Mr. Gárdonyi (Director of the Visegrad Patent Institute) | Industrial Property Office (Slovakia)<br>(Mr. Emil Žatkuliak)<br>Tel: (421-48) 430 03 30<br>Fax: (421-48) 413 25 66<br>E-mail: emil.zatkuliak@indprop.gov.sk   |
| <b>16-17 October 2018</b><br><b>Paris (FR)</b>  | French                     | Basic PCT Seminar<br>WIPO speaker: Ms. Bonvallet  | Institut national de la propriété industrielle (INPI)<br>Tel: (33) (0)820 210 211 (0,10€ TTC/mn + prix appel)<br>E-mail: academie@inpi.fr<br>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>16-18 October 2018</b><br><b>Khartoum (SD)</b>   | Arabic                     | WIPO National Workshop on the PCT<br>WIPO speaker: Mr. Jazairy  | Registrar General of Intellectual Property<br>(Mr. Adil K.H. Hilal)<br>E-mail: adilhilal2001@yahoo.com   |

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| <b>PCT Seminar Calendar [continued]</b>                 |                            |   |  |
|---|----------------------------|---|--|
| <b>Dates and location</b>                               | <b>Language of seminar</b> | <b>Nature of seminar; WIPO speakers (and others where known)</b>  | <b>Organizer and contact numbers</b>   |
| <b>16-18 October 2018<br/>Redwood City, CA<br/>(US)</b> | English                    | PCT course: "Comprehensive Live In-Person PCT Seminar"<br>Speaker on behalf of WIPO:<br>Mr. Oppedahl  | Oppedahl Patent Law Firm LLC<br>Tel: (1-303) 252 88 00<br>Internet: <a href="https://shop.oppedahl.com">https://shop.oppedahl.com</a>  |
| <b>17 October 2018<br/>Prague (CZ)</b>                  | English                    | PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives<br>WIPO speaker: Mr. Kim<br>Other WIPO speakers on other IP topics:<br>Ms. Roenning, Ms. Zelenkovska, Ms. Zikova  | Industrial Property Office (Czechia)<br>(Ms. Lucie Zamykalová)<br>Tel: (420-220) 383 363<br>E-mail: <a href="mailto:lzamykalova@upv.cz">lzamykalova@upv.cz</a>   |
| <b>18 October 2018<br/>Lisbon (PT)</b>                  | English                    | Basic PCT seminar<br>WIPO speaker: Ms. Weiss  | Centre d'études internationales de la propriété intellectuelle (CEIPI)<br>(Mr. Luis Ferreira)<br>E-mail: <a href="mailto:luis.ferreira@patents.pt">luis.ferreira@patents.pt</a>  |
| <b>22 October 2018<br/>Washington, D.C.<br/>(US)</b>    | English                    | PCT Boot Camp<br>WIPO speakers: Mr. Chen and Mr. Piriou<br>Other speaker: Mr. Smith (PCT Learning Center)   | PCT Learning Center<br>(Ms. Frimmel Smith)<br>Tel: (1-571) 212 38 68<br>E-mail: <a href="mailto:contact@pctlearningcenter.org">contact@pctlearningcenter.org</a><br>Internet: <a href="http://pctlearningcenter.org">pctlearningcenter.org</a>   |
| <b>23 October 2018<br/>Washington, D.C.<br/>(US)</b>    | English                    | ePCT Training Seminar<br>WIPO speakers: Mr. Chen and Mr. Piriou<br>Other speaker: Mr. Smith (PCT Learning Center)   | PCT Learning Center<br>(Ms. Frimmel Smith)<br>Tel: (1-571) 212 38 68<br>E-mail: <a href="mailto:contact@pctlearningcenter.org">contact@pctlearningcenter.org</a><br>Internet: <a href="http://pctlearningcenter.org">pctlearningcenter.org</a>   |
| <b>24 October 2018<br/>Vienna (AT)</b>                  | German                     | PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives<br>WIPO speaker: Ms. Weiss,<br>Other WIPO speakers on other IP topics:<br>Mr. Wilbers, Mr. Höpperger, Mr. Riechel | WIPO and the Austrian Patent Office<br>(Ms. Ursula Hoefermayer)<br>E-mail: <a href="mailto:Ursula.Hoefermayer@patentamt.at">Ursula.Hoefermayer@patentamt.at</a>  |
| <b>6 November 2018<br/>Paris (FR)</b>                   | French                     | Advanced PCT Seminar<br>WIPO speaker: Ms. Bonvallet   | Institut national de la propriété industrielle (INPI) ; E-mail: <a href="mailto:academie@inpi.fr">academie@inpi.fr</a><br>Internet: <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>6-8 November 2018<br/>Amman (JO)</b>                 | Arabic                     | WIPO Sub-Regional Workshop on the PCT<br>WIPO speaker: Mr. Jazairy  | Jordan Industrial Property Protection Directorate (Ms. Maysa Al-Sabi)<br>E-mail: <a href="mailto:Maysa.Al-Saby@MIT.GOV.JO">Maysa.Al-Saby@MIT.GOV.JO</a>  |
| <b>7-8 November 2018<br/>New York, NY (US)</b>          | English                    | PCT course within the framework of the "Patent Administration: A Foundation for Success" course<br>Speaker on behalf of WIPO:<br>Mr. Oppedahl   | Patent Resources Group, Inc.<br>(Ms. Theresa Woods)<br>Tel: (1-703) 682 48 60<br>Fax: (1-703) 892 45 10<br>E-mail: <a href="mailto:twoods@patentresources.com">twoods@patentresources.com</a><br>Internet: <a href="http://www.patentresources.com">http://www.patentresources.com</a> |
| <b>23 November 2018<br/>Heidelberg (DE)</b>             | German                     | PCT presentation on latest developments in the PCT within the framework of the Heidelberg PAFA-FORUM conference<br>WIPO speaker: to be announced  | Forum Institut für Management GmbH<br>Tel: (49-6221) 500 660<br>Fax: (49-6221) 500 965<br>E-mail: <a href="mailto:s.schilling@forum-institut.de">s.schilling@forum-institut.de</a>   |
| <b>29-30 November 2018<br/>London (GB)</b>              | English                    | Advanced PCT Formalities seminar, including practical presentations on ePCT<br>WIPO speakers: to be announced   | Management Forum Ltd.<br>(Ms. Angela Spall)<br>E-mail: <a href="mailto:angela.spall@falconbury.co.uk">angela.spall@falconbury.co.uk</a>  |
| <b>4-5 December 2018<br/>San Diego, CA (US)</b>         | English                    | Comprehensive PCT Seminar<br>Speaker on behalf of WIPO:<br>Mr. Oppedahl<br>Other speaker: Mr. Neas (United States Patent and Trademark Office)  | PCT Learning Center<br>(Ms. Frimmel Smith)<br>Tel: (1-571) 212 38 68<br>E-mail: <a href="mailto:contact@pctlearningcenter.org">contact@pctlearningcenter.org</a><br>Internet: <a href="http://pctlearningcenter.org">pctlearningcenter.org</a>   |

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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>27-28 June 2019<br/>London (GB)</b> | English                    | Advanced PCT Formalities seminar, including practical presentations on ePCT<br>WIPO speakers: to be announced | Management Forum Ltd.<br>(Ms. Angela Spall)<br>E-mail: <a href="mailto:angela.spall@falconbury.co.uk">angela.spall@falconbury.co.uk</a> |

**PCT Webinars**

(http://www.wipo.int/pct/en/seminar/webinars/index.html)

| <b>Date and time</b>                        | <b>Language of webinar</b> | <b>Nature of webinar; WIPO speakers</b>  | <b>Registration</b>   |
|---|----------------------------|--|---|
| <b>25 September 2018</b><br>17.30–18.30 CET | English                    | PATENTSCOPE webinar:<br>How to find information in PATENTSCOPE in languages you don't know<br>WIPO speaker: Ms. Ammann | <a href="https://register.gotowebinar.com/rt/1978876131026604803">https://register.gotowebinar.com/rt/1978876131026604803</a> |
| <b>27 September 2018</b><br>8.30–9.30 CET   | English                    | PATENTSCOPE webinar:<br>How to find information in PATENTSCOPE in languages you don't know<br>WIPO speaker: Ms. Ammann | <a href="https://register.gotowebinar.com/rt/1978876131026604803">https://register.gotowebinar.com/rt/1978876131026604803</a> |
| <b>23 October 2018</b><br>17.30–18.30 CET   | English                    | PATENTSCOPE webinar:<br>Complex queries in the PATENTSCOPE search system<br>WIPO speaker: Ms. Ammann                   | <a href="https://register.gotowebinar.com/rt/3593756346531945475">https://register.gotowebinar.com/rt/3593756346531945475</a> |
| <b>25 October 2018</b><br>8.30–9.30 CET     | English                    | PATENTSCOPE webinar:<br>Complex queries in the PATENTSCOPE search system<br>WIPO speaker: Ms. Ammann                   | <a href="https://register.gotowebinar.com/rt/3593756346531945475">https://register.gotowebinar.com/rt/3593756346531945475</a> |
| <b>13 November 2018</b><br>17.30–18.30 CET  | English                    | PATENTSCOPE webinar:<br>Overview of the PATENTSCOPE search system<br>WIPO speaker: Ms. Ammann                          | <a href="https://register.gotowebinar.com/rt/2968550945234390531">https://register.gotowebinar.com/rt/2968550945234390531</a> |
| <b>15 November 2018</b><br>8.30–9.30 CET    | English                    | PATENTSCOPE webinar:<br>Overview of the PATENTSCOPE search system<br>WIPO speaker: Ms. Ammann                          | <a href="https://register.gotowebinar.com/rt/2968550945234390531">https://register.gotowebinar.com/rt/2968550945234390531</a> |
| <b>11 December 2018</b><br>17.30–18.30 CET  | English                    | PATENTSCOPE webinar:<br>Retrospective of 2018 and plans for 2019<br>WIPO speaker: Ms. Ammann                           | <a href="https://register.gotowebinar.com/rt/2717566525473618947">https://register.gotowebinar.com/rt/2717566525473618947</a> |
| <b>13 December 2018</b><br>8.30–9.30 CET    | English                    | PATENTSCOPE webinar:<br>Retrospective of 2018 and plans for 2019<br>WIPO speaker: Ms. Ammann                           | <a href="https://register.gotowebinar.com/rt/2717566525473618947">https://register.gotowebinar.com/rt/2717566525473618947</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 September 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              |
| IA   | international application                     | BND | Brunei dollar          | GTQ | Quetzal            | MAD | Moroccan dirham    | SGD | Singapore dollar           |
| IPEA | International Preliminary Examining Authority | BRL | Brazilian real         | HRK | Croatian kuna      | MKD | Macedonian denar   | THB | Baht                       |
| ISA  | International Searching Authority             | BZD | Belize dollar          | HUF | Hungarian forint   | MWK | Malawian kwacha    | TJS | Tajik somoni               |
| ISR  | international search report                   | CAD | Canadian dollar        | IDR | Indonesian rupiah  | MYR | Malaysian ringgit  | TND | Tunisian dinar             |
| RO   | receiving Office                              | CHF | Swiss franc            | ILS | New Israeli sheqel | NOK | Norwegian krone    | 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                  |
|      |   | CUC | Cuban convertible peso | JOD | Jordanian dinar    | PGK | Kina               | UZS | Uzbek sum                  |
|      |   | CZK | Czech koruna           | JPY | Japanese yen       | PHP | Philippine peso    | VND | Vietnamese dong            |
|      |   | DJF | Djibouti franc         | KES | Kenyan shilling    | PLN | Polish zloty       | XAF | CFA franc BEAC             |
|      |   | DKK | Danish krone           | KGS | Kyrgyz som         | QAR | Qatari riyal       | XAF | CFA franc BEAC             |
|      |   | DZD | Algerian dinar         | KPW | Won (KP)           | RON | New leu            | ZAR | South African rand         |
|      |   | EGP | Egyptian pound         | KRW | Won (KR)           | RSD | Serbian dinar      | ZWD | Zimbabwe dollar            |
|      |   | EUR | Euro                   | KZT | Kazakh tenge       | RUB | Russian rouble     |     |                            |
|      |   | GBP | Pound sterling         | LSL | Lesotho loti       | SDG | Sudanese pound     |     |                            |

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

(amounts on 1 September 2018, unless otherwise indicated)

| RO | Transmittal fee <sup>1</sup>  |                                 | International filing fee <sup>1, 2</sup><br>(CHF 1,330) |       | Fee per sheet<br>over 30 <sup>1, 2, 3</sup><br>(CHF 15) |   | E-filing reductions according to<br>Schedule of Fees: |                                     |                                     | Competent<br>ISA(s) <sup>4</sup> |
|----|-------------------------------|---------------------------------|---|-------|---|---|---|-------------------------------------|-------------------------------------|----------------------------------|
|    |                               |                                 |   |       |   |   | Item 4(a) <sup>5</sup><br>(CHF 100)                   | Item 4(b) <sup>6</sup><br>(CHF 200) | Item 4(c) <sup>7</sup><br>(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<br>(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                                  |                                  |
| 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 SG                         |                                  |
| BR | BRL <sup>8</sup>              | online: 175<br>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>9</sup>       | 130                             | CLP eq USD <sup>9</sup>                                 | 1,366 | eq USD 15 <sup>9</sup>                                  | – | eq USD 205  | eq USD 308                          | CL EP ES KR US                      |                                  |
| CN | CNY                           | none <sup>10</sup>              | CNY eq CHF  | 1,330 | eq CHF 15   | – | eq CHF 200  | eq CHF 300                          | CN                                  |                                  |
| 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                |                                  |

[continued on next page]

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

(amounts on 1 September 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> |                               |
| CR | USD   | 250                                 | USD                                     | 1,366   | 15                                     | –  | –  | –                      | CL EP ES               |                               |
| CU | CUC   | 200                                 | CUC                                     | 1,366   | 15                                     | –  | 205  | 308                    | AT BR CL EP ES RU      |                               |
| CY | EUR   | 191                                 | EUR                                     | 1,163   | 13                                     | –  | –  | –                      | EP                     |                               |
| CZ | CZK   | 1,500                               | EUR                                     | 1,163   | 13                                     | –  | 175  | 262                    | EP XV                  |                               |
| DE | EUR   | 90                                  | EUR                                     | 1,163   | 13                                     | –  | 175  | 262                    | EP                     |                               |
| DJ | USD   | 100                                 | USD                                     | 1,366   | 15                                     | –  | –  | –                      | AT EG EP               |                               |
|    | or eq DJF                                   |                                     |   |         |  |    |  |                        |                        |                               |
| DK | DKK   | 1,500                               | DKK                                     | 8,650   | 100                                    | –  | 1,300  | 1,950                  | EP SE XN               |                               |
| DM | Information not yet available               |                                     |   |         |  |    |  |                        |                        |                               |
| DO | USD   | 275                                 | USD                                     | 1,366   | 15                                     | –  | 205  | 308                    | CL EP ES US            |                               |
| DZ | DZD   | None                                | CHF                                     | 1,330   | 15                                     | –  | 200  | 300                    | AT EP                  |                               |
| EA | RUB   | 1,600                               | USD                                     | 1,366   | 15                                     | –  | 205  | 308                    | EP RU                  |                               |
| EC | USD <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                                     | 137,200 | 1,500                                  | –  | 20,600   | 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                  |                               |
| KH | USD   | 100                                 | USD                                     | 1,366   | 15                                     | –  | –  | –                      | CN EP JP SG            |                               |

[continued on next page]

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

(amounts on 1 September 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> |                               |
| 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 CLEPESKRSE SG US           |
| MY | MYR 500 (e-filing) <sup>22</sup><br>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 EGEPU S                 |
| 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 10.67 (online filing)<br>EUR 21.33 (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<br>or EUR 1,163               | CHF 15<br>or EUR 13                    | –  | CHF 200<br>or EUR 175  | CHF 300<br>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<br>(from 1.11.18: 11,910)    | 130<br>(130)                           | –<br>(–)   | 1,680<br>(1,790)       | 2,510<br>(2,690)       | 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                         |
| SM | EUR 100  | EUR 1,163                               | 13                                     | –  | –                      | –                      | EP                            |

[continued on next page]

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

(amounts on 1 September 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> |                               |
| 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><br>small entity <sup>27</sup> : 120 <sup>26</sup><br>micro entity <sup>27</sup> : 60 <sup>26</sup> | USD 1,366                               | 15                                     | 103  | 205                    | –                      | AU EP IL JP KR RU SG US       |
| UZ | UZS 306,830 <sup>28</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 September 2018, unless otherwise indicated)

| ISA              | Search fee <sup>1</sup>  |                                      |                         |                          |  |                          |  |  |
|------------------|--|--------------------------------------|-------------------------|--------------------------|--|--------------------------|--|--|
| AT <sup>29</sup> | EUR 1,875  | CHF 2,145                            | KRW 2,423,000           | SGD 3,000                | USD 2,202  | ZAR 28,390               |  |  |
| AU               | AUD 2,200<br>USD* 1,722<br>* (from 1.10.18: USD 1,631)                   | CHF 1,677<br>ZAR 21,370<br>USD 1,631 | EUR 1,376               | KRW 1,803,000            | NZD 2,391  | SGD 2,210                |  |  |
| BR <sup>8</sup>  | Online:<br>On paper:   | BRL 1,685<br>BRL 2,525               | CHF 450<br>CHF 675      | EUR 385<br>EUR 576       | USD 446<br>USD 668                                 |                          |  |  |
| 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>30</sup> :                        | USD 300                              | CHF 292                 | EUR 255                  |  |                          |  |  |
| CN               | CNY 2,100<br>* (from 1.11.18: CHF 303)<br>** (from 1.10.18: USD 309)     | CHF* 331<br>CHF 303<br>USD 309       | EUR 269                 | USD** 335                |  |                          |  |  |
| EG <sup>31</sup> | EGP 4,000  | CHF 221                              | EUR 193                 | USD 227                  |  |                          |  |  |
| EP <sup>32</sup> | EUR 1,775<br>JPY 227,600<br>ZAR 26,320                                   | CHF 2,059<br>NOK 16,990              | DKK 13,210<br>NZD 3,007 | GBP 1,552<br>SEK 18,670  | HUF 550,400<br>SGD 2,900                           | ISK 221,900<br>USD 2,095 |  |  |
| ES <sup>32</sup> | EUR 1,775  | CHF 2,059                            | USD 2,095               |                          |  |                          |  |  |
| FI               | EUR 1,775  | CHF 2,059                            | USD 2,095               |                          |  |                          |  |  |
| IL               | ILS 3,525  | CHF 994                              | EUR 849                 | USD 1,009                |  |                          |  |  |
| IN               | INR 10,000<br>In case of filing by an individual:<br>INR 2,500           | CHF 149<br>CHF 37                    | EUR 130<br>EUR 32       | USD* 153<br>USD* 38*     | *(from 1.11.18: USD 151)<br>*(from 1.11.18 USD 35) |                          |  |  |
| JP <sup>18</sup> | For IAs in Japanese:<br>JPY 70,000<br>For IAs in English:<br>JPY 156,000 | CHF 605<br>CHF 1,349                 | EUR 529<br>EUR 1,179    | KRW 712,000<br>SGD 1,885 | USD 657<br>USD 1,465                               |                          |  |  |

[continued on next page]

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

| ISA | Search fee <sup>1</sup>               |           |      |       |     |         |      |         |                 |         |      |        |
|-----|---------------------------------------|-----------|------|-------|-----|---------|------|---------|-----------------|---------|------|--------|
| KR  | For IAs in Korean:                    |           |      |       |     |         |      |         |                 |         |      |        |
|     | KRW                                   | 450,000   | AUD  | 549   | CHF | 410     | EUR  | 359     | NZD             | 602     | SGD  | 534    |
|     | For IAs in English:                   |           |      |       |     |         |      |         |                 |         |      |        |
|     | KRW                                   | 1,300,000 | AUD  | 1,587 | CHF | 1,184   | EUR  | 1,038   | NZD             | 1,740   | SGD  | 1,544  |
| RU  | For IAs in Russian:                   |           |      |       |     |         |      |         |                 |         |      |        |
|     | RUB                                   | 8,500     | CHF* | 133   | EUR | 114     | USD* | 136     | *(from 1.11.18: | CHF     | 121) |        |
|     | For IAs in English:                   |           |      |       |     |         |      |         |                 |         |      |        |
|     | RUB                                   | 40,000    | CHF  | 625   | EUR | 535     | USD* | 638     | *(from 1.11.18: | CHF     | 569) |        |
| SE  | SEK                                   | 18,670    | CHF  | 2,059 | DKK | 13,210  | EUR  | 1,775   | ISK             | 221,900 | NOK  | 16,990 |
| 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  | 2,095   |                 |         |      |        |
| UA  | For IAs in English, French or German: |           |      |       |     |         |      |         |                 |         |      |        |
|     |                                       |           |      |       | EUR | 300     | CHF  | 343     | USD             | 352     |      |        |
|     | For IAs in Ukrainian or Russian:      |           |      |       |     |         |      |         |                 |         |      |        |
|     |                                       |           |      |       | EUR | 100     | CHF  | 116     | USD             | 117     |      |        |
| US  | USD                                   | 2,080     | CHF  | 2,026 | EUR | 1,771   | NZD* | 2,889   | ZAR*            | 25,680  |      |        |
|     | * (from 1.10.18:                      |           | NZD  | 3,066 | ZAR | 28,900) |      |         |                 |         |      |        |
|     | For small entity <sup>27</sup> :      |           |      |       |     |         |      |         |                 |         |      |        |
|     | USD                                   | 1,040     | CHF  | 1,013 | EUR | 886     | NZD* | 1,445   | ZAR*            | 12,840  |      |        |
|     | * (from 1.10.18:                      |           | NZD  | 1,533 | ZAR | 14,450) |      |         |                 |         |      |        |
|     | For micro entity <sup>27</sup> :      |           |      |       |     |         |      |         |                 |         |      |        |
|     | USD                                   | 520       | CHF  | 506   | EUR | 443     | NZD* | 722     | ZAR*            | 6,420   |      |        |
|     | * (from 1.10.18:                      |           | NZD  | 766   | ZAR | 7,230)  |      |         |                 |         |      |        |
| XN  | DKK                                   | 13,210    | CHF  | 2,059 | EUR | 1,775   | ISK  | 221,900 | NOK             | 16,990  | SEK  | 18,670 |
|     | USD                                   | 2,095     |      |       |     |         |      |         |                 |         |      |        |
| XV  | EUR                                   | 1,775     | CHF  | 2,059 | HUF | 550,400 | USD  | 2,095   |                 |         |      |        |

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

| ISA | Supplementary search fee   | Supplementary search handling fee <sup>2, 33</sup> |
|-----|--|--|
| AT  | – for a search of the German-language documentation:   | 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 184 (from 1.11.18: CHF 168)  | CHF 200  |
|     | CHF (295) <sup>34</sup> (from 1.11.18: CHF 269)  |  |
| SE  | CHF 2,059  | CHF 200  |
| SG  | CHF 1,603  | CHF 200  |
| TR  | – for a full search:   | 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 the documents in the search collection of the Authority, including the PCT minimum documentation:                | CHF 104  |
|     | – for a search of only the Russian language documentation of the former USSR and the Ukrainian language documentation:             | CHF 81   |
|     | – for a search of only the European and North American documentation:  | CHF 104  |
|     | – 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 69   |
|     |  |  |
| XN  | – for a full search:   | CHF 2,059  |
|     | – for searches only of documentation in Danish, Icelandic, Norwegian and Swedish:  | CHF 615  |
| XV  | – for a full search:   | CHF 2,059  |
|     | – for searches only of documentation in Czech, Hungarian, Polish and Slovak:   | CHF 629  |

**Table II — Preliminary examination fees**  
(amounts on 1 September 2018, unless otherwise indicated)

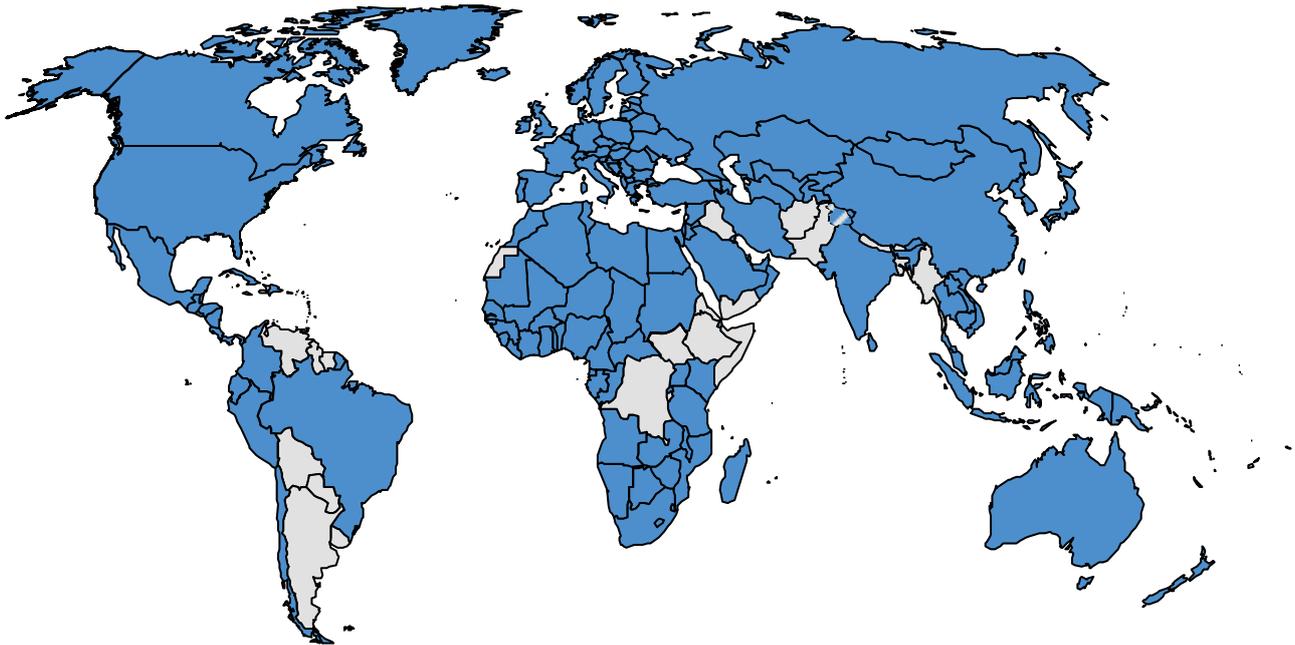
| IPEA | Preliminary examination fee <sup>35</sup>   |   | Handling fee <sup>2, 35</sup> (CHF 200) |                             |
|------|---|---|---|-----------------------------|
| AT   | EUR <sup>29</sup>   | 1,749                                     | EUR                                     | 175                         |
| AU   | AUD   | 590 820 <sup>36</sup>                     | AUD                                     | 262                         |
| BR   | Online: BRL <sup>9</sup>  | 630                                       | BRL eq CHF                              | 200                         |
|      | On paper: BRL <sup>8</sup>  | 945                                       |   |                             |
| CA   | CAD   | 800                                       | CAD                                     | 257                         |
| CL   | USD   | 1,500                                     | USD                                     | 205                         |
|      | in case of filing by a natural person or a legal entity <sup>2</sup> : USD 400  |   |   |                             |
|      | in case of filing by a university <sup>30</sup> : USD 300   |   |   |                             |
| CN   | CNY   | 1,500                                     | CNY eq CHF                              | 200                         |
| EG   | EGP <sup>31</sup>   | 3,000                                     | USD                                     | 205                         |
| EP   | EUR <sup>32</sup>   | 1,830                                     | EUR                                     | 175                         |
| ES   | EUR <sup>32</sup>   | 583.65                                    | EUR                                     | 175                         |
| FI   | EUR   | 600                                       | EUR                                     | 175                         |
| IL   | ILS   | 1,511                                     | ILS                                     | 726                         |
| IN   | INR 12,000; in case of filing by individual INR 3,000<br>if ISR prepared by ISA/IN:<br>INR 10,000; in case of filing by individual: INR 2,500   |   | USD                                     | 205                         |
| JP   | For IAs in Japanese: JPY  | 26,000 <sup>18</sup>                      | JPY                                     | 23,100                      |
|      | For IAs in English: JPY   | 58,000                                    |   |                             |
| KR   | KRW   | 450,000                                   | KRW                                     | 220,000                     |
| RU   | For IAs in Russian: RUB   | 4,500 <sup>37</sup> 6,750 <sup>38</sup>   | USD                                     | 205                         |
|      | For IAs in English: RUB   | 16,000 <sup>37</sup> 24,000 <sup>38</sup> |   |                             |
| SE   | SEK   | 5,000                                     | SEK                                     | 1,680 (from 1.11.18: 1,790) |
| SG   | SGD   | 830                                       | SGD                                     | 280                         |
| TR   | TRY   | 1,000                                     | CHF                                     | 200                         |
| UA   | If the ISR has been prepared by ISA/UA:<br>– for IAs in English, French or German: EUR 160<br>– for IAs in Russian or Ukrainian: EUR 50<br>If the ISR has been prepared by another ISA:<br>– for IAs in English, French or German: EUR 180<br>– for IAs in Russian or Ukrainian: EUR 70 |   | EUR                                     | 175                         |
| US   | USD   | 600 760 <sup>39</sup>                     | USD                                     | 205                         |
|      | For small entity <sup>27</sup> : USD  | 300 380 <sup>39</sup>                     |   |                             |
|      | For micro entity <sup>27</sup> : USD  | 150 190 <sup>39</sup>                     |   |                             |
| XN   | DKK   | 5,000                                     | DKK                                     | 1,300                       |
| XV   | EUR   | 900                                       | EUR                                     | 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 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: [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 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 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 IAs 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 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).
- 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 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: <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 IA 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 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: [http://www.uspto.gov/web/offices/pac/mpep/consolidated\\_rules.pdf](http://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: <http://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 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>
- 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 September 2018)



|   |  |  |   |                                     |
|---|--|--|---|-------------------------------------|
| AE United Arab Emirates                       | CU Cuba                                | IR Iran (Islamic Republic of)            | MK The former Yugoslav Republic of Macedonia (EP) | SE Sweden (EP)                      |
| AG Antigua and Barbuda                        | CY Cyprus (EP) <sup>2</sup>            | IS Iceland (EP)                          | ML Mali (OA) <sup>2</sup>                         | SG Singapore                        |
| AL Albania (EP)                               | CZ Czechia (EP)                        | IT Italy (EP) <sup>2</sup>               | MN Mongolia                                       | SI Slovenia (EP) <sup>2</sup>       |
| AM Armenia (EA)                               | DE Germany (EP)                        | JO Jordan                                | MR Mauritania (OA) <sup>2</sup>                   | SK Slovakia (EP)                    |
| AO Angola                                     | DJ Djibouti                            | JP Japan                                 | MT Malta (EP) <sup>2</sup>                        | SL Sierra Leone (AP)                |
| AT Austria (EP)                               | DK Denmark (EP)                        | KE Kenya (AP)                            | MW Malawi (AP)                                    | SM San Marino (EP)                  |
| AU Australia                                  | DM Dominica                            | KG Kyrgyzstan (EA)                       | MX Mexico   | SN Senegal (OA) <sup>2</sup>        |
| AZ Azerbaijan (EA)                            | DO Dominican Republic                  | KH Cambodia <sup>3</sup>                 | MY Malaysia                                       | ST Sao Tome and Principe (AP)       |
| BA Bosnia and Herzegovina <sup>1</sup>        | DZ Algeria                             | KM Comoros (OA) <sup>2</sup>             | MZ Mozambique (AP)                                | SV El Salvador                      |
| BB Barbados                                   | EC Ecuador                             | KN Saint Kitts and Nevis                 | NA Namibia (AP)                                   | SY Syrian Arab Republic             |
| BE Belgium (EP) <sup>2</sup>                  | EE Estonia (EP)                        | KP Democratic People's Republic of Korea | NE Niger (OA) <sup>2</sup>                        | SZ Eswatini (AP) <sup>2</sup>       |
| BF Burkina Faso (OA) <sup>2</sup>             | EG Egypt                               | KR Republic of Korea                     | NG Nigeria  | TD Chad (OA) <sup>2</sup>           |
| BG Bulgaria (EP)                              | ES Spain (EP)                          | KW Kuwait                                | NI Nicaragua                                      | TG Togo (OA) <sup>2</sup>           |
| BH Bahrain                                    | FI Finland (EP)                        | KZ Kazakhstan (EA)                       | NL Netherlands (EP) <sup>2</sup>                  | TH Thailand                         |
| BJ Benin (OA) <sup>2</sup>                    | FR France (EP) <sup>2</sup>            | LA Lao People's Democratic Republic      | NO Norway (EP)                                    | TJ Tajikistan (EA)                  |
| BN Brunei Darussalam                          | GA Gabon (OA) <sup>2</sup>             | LC Saint Lucia                           | NZ New Zealand                                    | TM Turkmenistan (EA)                |
| BR Brazil                                     | GB United Kingdom (EP)                 | LI Liechtenstein (EP)                    | OM Oman   | TN Tunisia <sup>5</sup>             |
| BW Botswana (AP)                              | GD Grenada                             | LK Sri Lanka                             | PA Panama   | TR Turkey (EP)                      |
| BY Belarus (EA)                               | GE Georgia                             | LR Liberia (AP)                          | PE Peru   | TT Trinidad and Tobago              |
| BZ Belize                                     | GH Ghana (AP)                          | LS Lesotho (AP)                          | PG Papua New Guinea                               | TZ United Republic of Tanzania (AP) |
| CA Canada                                     | GM Gambia (AP)                         | LT Lithuania (EP) <sup>2</sup>           | PH Philippines                                    | UA Ukraine                          |
| CF Central African Republic (OA) <sup>2</sup> | GN Guinea (OA) <sup>2</sup>            | LU Luxembourg (EP)                       | PL Poland (EP)                                    | UG Uganda (AP)                      |
| CG Congo (OA) <sup>2</sup>                    | GQ Equatorial Guinea (OA) <sup>2</sup> | LV Latvia (EP) <sup>2</sup>              | PT Portugal (EP)                                  | US United States of America         |
| CH Switzerland (EP)                           | GR Greece (EP) <sup>2</sup>            | LY Libya                                 | QA Qatar  | UZ Uzbekistan                       |
| CI Côte d'Ivoire (OA) <sup>2</sup>            | GT Guatemala                           | MA Morocco <sup>4</sup>                  | RO Romania (EP)                                   | VC Saint Vincent and the Grenadines |
| CL Chile                                      | GW Guinea-Bissau (OA) <sup>2</sup>     | MC Monaco (EP) <sup>2</sup>              | RS Serbia (EP)                                    | VN Viet Nam                         |
| CM Cameroon (OA) <sup>2</sup>                 | HU Hungary (EP)                        | MD Republic of Moldova                   | RU Russian Federation (EA)                        | ZA South Africa                     |
| CN China                                      | HN Honduras                            | ME Montenegro <sup>1</sup>               | RW Rwanda (AP)                                    | ZM Zambia (AP)                      |
| CO Colombia                                   | HR Croatia (EP)                        | MG Madagascar                            | SA Saudi Arabia                                   | ZW Zimbabwe (AP)                    |
| CR Costa Rica                                 | ID Indonesia                           |  | SC Seychelles                                     |                                     |
|   | IE Ireland (EP) <sup>2</sup>           |  | SD Sudan (AP)                                     |                                     |
|   | 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 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 2018). 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.