

PCT NEWSLETTER

www.wipo.int/pct/en

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Intellectual Property Office (Philippines) to Begin Operating as an International Searching and Preliminary Examining Authority

It is recalled that the Intellectual Property Office (Philippines) was appointed as International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA) at the 49th session of the Assembly of the PCT Union, which was held in October 2017 (see *PCT Newsletter* No. 10/2017).

On 10 April 2019, the Intellectual Property Office (Philippines) notified WIPO that it will begin operating as an ISA and an IPEA with effect from 20 May 2019.

Furthermore, the Office has, with effect from 20 May 2019, specified itself in addition to the Australian Patent Office, European Patent Office, Japan Patent Office, Korean Intellectual Property Office or United States Patent and Trademark Office, as a competent ISA and IPEA for international applications filed by nationals and residents of the Philippines with the Intellectual Property Office (Philippines) (or with the International Bureau (IB)) as receiving Office.

Information on the Office in its capacity as ISA and IPEA, including the fees payable to those Offices, will be published shortly in the *PCT Applicant's Guide*, Annexes D and E.

WIPO Digital Access Service for Priority Documents

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

European Patent Office

Since 1 November 2018, the European Patent Office (EPO) has been acting as depositing and accessing office for European patent applications and as accessing office for international applications entering the European regional phase before the EPO as designated (or elected) Office (see *PCT Newsletter* No. 11/2018).

The EPO has notified the IB that, with effect from 1 April 2019, it commenced operation as depositing office for international applications under the PCT when acting in its capacity as receiving Office.

It is recalled that the fee for preparing the priority document is not due if the applicant requests the IB (preferably by marking the corresponding check-box on the PCT request form

(PCT/RO/101, Box No. VI) to obtain from a digital library a certified copy of the earlier application, and provides the correct DAS code, in accordance with PCT Rule 17.1(b-bis).

For further information, see:

www.epo.org/law-practice/legal-texts/official-journal/2019/03/a27.html and

www.wipo.int/das/en/participating_offices/details.jsp?id=10609

Amendments to the PCT Regulations

It is recalled that the Assembly of the PCT Union adopted, during its 50th session which was held in Geneva from 24 September to 2 October 2018, amendments to PCT Rule 69.1(a) that will enter into force on 1 July 2019 (see *PCT Newsletter* No. 10/2018). The amendments will allow the International Preliminary Examining Authority to start international preliminary examination once it is in possession of the demand for international preliminary examination, the relevant fees, either the international search report or the declaration by the International Searching Authority under PCT Article 17(2)(a), and the written opinion established under PCT Rule 43bis.1, except where the applicant expressly requests to postpone the start of the international preliminary examination until the expiration of the applicable time limit under PCT Rule 54bis.1(a). These amendments will apply to any international application for which a demand for international preliminary examination is filed on, or after, 1 July 2019.

The consolidated versions of the modified PCT Regulations, as in force from 1 July 2019, are available in Arabic, Chinese, English, French and Spanish on the right hand side of the page at, respectively:

www.wipo.int/pct/ar/texts/index.html

www.wipo.int/pct/zh/texts/index.html

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

www.wipo.int/pct/fr/texts/index.html

www.wipo.int/pct/es/texts/index.html

Other languages will follow shortly.

ePCT Update

A new release of the ePCT system (version 4.5) was deployed on 1 April 2019. The main new features are explained below:

ePCT for applicants

- applicant/agent's file reference: extension of the maximum length of the file reference from 12 to 25 characters;
- title of invention for international applications filed with the United States Patent and Trademark Office as receiving Office (RO/US): when preparing a draft application for filing to RO/US using EFS-Web, it is now possible to indicate that the title is as provided on page 1 of the description, without typing it into ePCT – there will be no error message preventing filing due to the missing title (a standard text inside square brackets will appear in the title box of the request form (PCT/RO/101) in place of the title) and RO/US will not issue any invitation to correct in such cases (similarly, the

same standard text will be included on a power of attorney if prepared at the time of filing using ePCT);

- when preparing a draft application for filing to a receiving Office (RO) that requires a package prepared using ePCT to be uploaded into their Office system (for example, the Offices of Canada, Israel or the United States of America), draft new international applications in the status “downloaded” can now be downloaded once again in RO format if required;
- sending of notifications by e-mail: if an e-mail address is indicated when adding the applicant’s name and address, any PCT Form that needs to be addressed to that applicant (for example, if that applicant is the address for service for the international application) will by default be sent by ‘e-mail only’ unless the user opts to select ‘paper & e-mail’ – it is no longer possible to select specifically ‘paper only;’
- reimbursement instructions for the European Patent Office (EPO): where the EPO is selected as RO and International Searching Authority (ISA), or where the EPO is selected as International Preliminary Examining Authority (IPEA) when preparing a demand for international preliminary examination using the corresponding ePCT Action, it is possible to add instructions for any reimbursement of fees by RO/EP, ISA/EP or IPEA/EP, as the case may be, to a current or deposit account held with the EPO;
- links to actions: items on the “Timeline” for which there is a corresponding online “Action” now contain a link to open the Action directly;
- signature of Actions: when signing online Actions, the signatory must be selected from a list of names appearing in the bibliographic data for the international application, plus an option for ‘Other’ in the event that the signatory name is not (yet) specifically listed in the data for the international application;
- multiple signatures for withdrawal Actions: it is now possible to add more than one signature in ePCT Actions for withdrawal of the international application, priority claim, designation/election, demand and supplementary international search request. If the signatures of all the applicants are not added, or where the agent is selected to sign the action, it is necessary to check a box to confirm that the required signatures by the applicants are already on file – if you fail to do this, the IB will not be able to process the notice of withdrawal;
- “View” feature for documents: when you consult the list of documents held in ePCT for applications that were already filed, a “View” button allows you to view (in the same browser window) the TIFF version of the document as held in the IB’s electronic system at the same time as viewing the other content of the application, for example, the bibliographic data; and
- later time zone at the IPEA when filing a demand via ePCT: for cases where the selected IPEA accepts demands filed directly via ePCT, if the time limit has already expired at that IPEA but the current date and time at the IB is still within the time limit, the demand will be routed automatically to the IB for subsequent transmittal to the IPEA with Form PCT/IB/368 (notification of transmittal of demand to the competent IPEA).

For more details on the new features, please refer to “What’s new in ePCT for applicants” at:

www.wipo.int/pct/en/epct/learnmore.html?N=1016

ePCT for ROs, designated Offices and International Authorities

Several new Office features and improvements based on feedback received from Office users have been added to ePCT version 4.5. It offers a number of new functions aimed at improving the processing of international applications by an Office, including:

- by selecting the “View” button, the user can open a view of a document in the same browser window alongside the main ePCT interface so that the details of the international application can be viewed alongside the document;
- when processing international applications, RO users who need the IB to review an application for advice prior to transmitting the record copy can give view access rights to IB users, and later remove those access rights;
- RO users benefit from the automatic opening of the bibliographic data draft following the creation of the international application;
- PCT forms PCT/ISA/210 (international search report) and PCT/ISA/237 (written opinion of the ISA) are generated and automatically e-mailed to the applicant where the applicant indicated e-mail as the preferred means of communication;
- the ePCT Action for PCT/ISA/220 (notification of transmittal of the international search report and the written opinion of the ISA, or the declaration) allows documents to be attached from the international application as well as from the local computer;
- applicants now see the same layout of fees and payments information as the RO; and,
- new Office Actions: the generation of forms PCT/RO/104 (notification that the purported international application is not and will not be treated as an international application) and PCT/RO/126 (notification concerning later submitted parts of an international application) available for RO users.

For more details on the above features and other new features, and for general information on ePCT system for Offices, please see “ePCT for Authorities and Offices” at:

www.wipo.int/pct/en/epct/pdf/ePCT_Offices_v4.5_Whats_New_20190329.pdf

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

e-mail: pct.eservices@wipo.int

telephone: (+41–22) 338 9523

or, where Help Desk staff are available, enter your question via online Chat at:

<https://pct.eservices.wipo.int/direct.aspx?T=EN&UG=4&N=769>

PCT-SAFE Update

Release of new version of the PCT-SAFE Client software

A new version of the PCT-SAFE Client software (version 3.51.087.263, dated 1 April 2019) is now available and can be downloaded at:

www.wipo.int/pct-safe/en/download/download_client.html

Further details on this new version of PCT-SAFE are available in the “Release notes” and the “What’s new” document on the above-mentioned web page.

Please note that the e-mail notification service for PCT-SAFE has been discontinued. Users are advised to check the PCT-SAFE website regularly for updates (scheduled for January, April, July and October each year). The Live Update functionality has been modified to check each day for a newer version. If no newer version is found PCT-SAFE will open without displaying any messages. If a newer version is available, a message will be displayed giving the user the option to either download the newer version or proceed without downloading.

Changes to the PCT Publication Schedule

Publication of 31 May 2019

Due to the fact that Thursday, 30 May 2019, will be a non-working day at WIPO, the PCT applications (as well as any *Official Notices (PCT Gazette)*) which would normally have been published on that day will be published on Friday, 31 May 2019. The date of completion of technical preparations for that publication will, however, remain unchanged, and any changes that should be taken into account for the purposes of international publication should be received by the International Bureau by midnight (Central European Time (CET)) on Tuesday, 14 May 2019.

Budapest Treaty

Accession by Antigua and Barbuda

Antigua and Barbuda deposited its instrument of accession to the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure on 25 March 2019, bringing the total number of States party to that Treaty to 82. The Budapest Treaty will enter into force with respect to Antigua and Barbuda on 25 June 2019.

Information about the Budapest Treaty

A document containing a summary of the Budapest Treaty and Regulations, as well as an explanation of the main advantages of the Treaty (WO/INF/12), is available in English, French and Spanish at:

www.wipo.int/treaties/en/registration/budapest/pdf/wo_inf_12.pdf

www.wipo.int/treaties/fr/registration/budapest/pdf/wo_inf_12.pdf

www.wipo.int/treaties/es/registration/budapest/pdf/wo_inf_12.pdf

Finnish Patent and Registration Office (PRH) Launches PCT Direct Pilot

On 1 April 2019, the Finnish Patent and Registration Office (PRH), in its capacity as receiving Office (RO/Fl) and International Searching Authority (ISA), launched a pilot of the so-called "PCT Direct", which applies to international applications filed with the RO/Fl and for which the PRH acts as an ISA. This new service is similar to the one that was introduced at the European Patent Office in November 2014.

Under the PRH's PCT Direct pilot, an applicant filing an international application with RO/Fl, and claiming priority from an earlier national application or PCT application already searched and examined by the PRH, may submit informal comments to overcome any objections raised in the search report and written opinion drawn up in relation to the priority application.

Informal comments should be sent to RO/Fl, together with the international application, in the form of a separate letter entitled "PCT Direct/informal comments". Note that PCT Direct submissions are published on PATENTSCOPE.

Further information has been published on the PRH's website at:

www.prh.fi/en/asiakastiedotteet/2019/P_17863.html

New Service within PATENTSCOPE to Improve Information from XML Search Reports and Written Opinions

WIPO has launched a new service within PATENTSCOPE to provide improved information based on the following documents:

- international search report (ISR) (PCT/ISA/210);
- declaration of non-establishment of ISR (PCT/ISA/203); and
- written opinion of the International Searching Authority (ISA) (PCT/ISA/237)

The service uses the XML data provided by some International Authorities to provide easy access to useful information, as follows:

- Hyperlinks
 - click on the International Patent Classification (IPC) codes in the reports and go straight to WIPO's IPC webpage;
 - click on the citations (patent literature and certain non-patent literature) and patent family documents cited in the ISR and go straight to those documents; and
- Effective on-the-fly machine translation of the ISR, declaration of non-establishment of ISR and written opinion of the ISA using Artificial Intelligence (Neural Machine Translation) technology in 10 PCT publication languages (or easy access to XML human translations into English, where available, with the same link functions).

The service is available for most recent reports established by the ISAs of the China National Intellectual Property Administration (CNIPA), the European Patent Office (EPO) and the Korean Intellectual Property Office (KIPO). In addition, the service is available for some reports established by other offices, such as the Austrian Patent Office, the Egyptian Patent Office and the Turkish Patent and Trademark Office, where the reports were prepared using the relevant ePCT Office function.

To try these new additional features, go to the PATENTSCOPE search page at:

www.wipo.int/patentscope/search/en/search.jsf

find a particular published international application which contains the above-mentioned reports and click on the newly-created “ISR/WOSA/A17(2)(a)” tab, where these new features are available.

The International Bureau provides this service in order to offer PATENTSCOPE users more convenience in data searches. Please note, however, that the XML versions of the documents do not have any legal value, and that only the PDF version of the reports should be considered to be the official publication.

PCT Information Update

AP African Regional Intellectual Property Organization (ARIPO) (telephone and fax numbers; e-mail addresses; means of telecommunication)

The telephone and fax numbers of the African Regional Intellectual Property Organization (ARIPO) have changed, and the Office has notified an additional e-mail address. The numbers and e-mail addresses to be used are now as follows:

Telephone:	(263-242) 79 40 54, 79 40 65, 79 40 68
Fax:	(263-242) 79 40 73, 79 40 72
E-mail:	mail@aripo.org registry@aripo.org (for filing of documents only)

The Office has notified the International Bureau (IB) that it now accepts the filing of documents by e-mail, in addition to fax, and that documents may also be filed through the Office’s online service at: <http://eservice.aripo.org>

(Updating of *PCT Applicant’s Guide*, Annex B2 (AP))

CA Canada (telephone numbers)

There has been a change to one of the telephone numbers of the Canadian Intellectual Property Office. The numbers to be used are now as follows:

Telephone:	(1-866) 997 19 36 (toll-free Canada and US) (1-819) 934 05 44 (international)
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(Updating of *PCT Applicant’s Guide*, Annex B1 (CA))

CU Cuba (fees)

The fee for priority document, payable to the Cuban Industrial Property Office as receiving Office, may now also be paid in the equivalent amount in Cuban pesos (CUP) of 100 Cuban convertible pesos (CUC).

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

EC Ecuador (fees)

The Ecuadorian Institute of Intellectual Property has notified the IB of the amount of the transmittal fee, payable to it as receiving Office. The amount payable is USD 300.

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

IB International Bureau (means of filing the international application; fees)

It is recalled that the new Contingency Upload Service, a secure service for the electronic transmission of documents to the International Bureau (IB), has been available since the end of 2018. The service offers an alternative filing means in the unlikely event that ePCT is unavailable for technical reasons, and also in the event that other means of communication with the IB are, from the perspective of the applicant, not desirable or eventually no longer available (such as fax services).

In the event that the Contingency Upload Service is used to file a new international application with the IB as receiving Office, the applicant will receive a fee reduction of 100 Swiss francs for an electronic filing according to item 4(a) of the PCT Schedule of Fees. Fee Table I(a) has been updated to include this amount, as well as the equivalent amounts in euro and US dollars.

Note that this new service has been developed primarily as a contingency measure in the event that the applicant needs to submit a document to the IB urgently, and the ePCT System is not available or the applicant does not yet use ePCT. Applicants are strongly encouraged to use ePCT whenever possible. By doing this, the applicant will benefit, in particular, from pre-filled bibliographic data, where applicable, and the many business validations built into the system.

(Updating of *PCT Applicant's Guide*, Annexes B2 (IB) and C (IB))

IL Israel (telephone numbers; means of telecommunication)

The telephone numbers of the Israel Patent Office will change with effect from 1 June 2019, as follows:

Telephone: (972-73) 392 73 13, 392 73 20

Furthermore, the Office has notified the IB that it will discontinue the use of its facsimile machine with effect from the same date.

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

JP Japan (e-mail address)

The e-mail address of the Japan Patent Office has changed, as follows:

E-mail: PA1A31@jpo.go.jp

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

KR Republic of Korea (telephone numbers; fees)

The telephone numbers of the Korean Intellectual Property Office (KIPO) have changed, as follows:

Telephone: (82-42) 481 87 70 (RO)
(82-42) 481 57 41 (ISA, IPEA)

KIPO, in its capacity as designated (or elected) Office, has notified a change in the conditions for obtaining a reduction in certain national fees, as follows: the filing fee, fee for request for examination, annual fees from the first to the third year and fee for request for scope confirmation trial are reduced by 70% where the applicant is a natural person and is also the inventor. However, if the number of applications filed by the applicant exceeds 20 per year, the filing fee will be reduced by only 30%. Furthermore, the fee for request for examination is reduced by 30% where the international search report (ISR) **or** international preliminary examination report (IPER) has been established by KIPO, or by 70% where the ISR **and** IPER have been established by KIPO.

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

KZ Kazakhstan (location and mailing address)

The location and mailing address of the National Institute of Intellectual Property (NIIP) (Kazakhstan) have changed, as follows:

Location and mailing address: Korgalzhin Highway, Building 3 B,
010000 Astana
Kazakhstan

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

MX Mexico (e-mail address)

The e-mail address of the Mexican Institute of Industrial Property has changed, as follows:

E-mail: epct@impi.gob.mx

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

RU Russian Federation (telephone numbers; e-mail addresses; e-mail notifications; fees)

The telephone numbers and one of the e-mail addresses of the Federal Service for Intellectual Property (Rospatent) (Russian Federation) have changed. The numbers and e-mail addresses to be used are now as follows:

Telephone: (7-499) 240 60 15 (general)
(7-299) 240 58 88, (7-499) 240 25 91 (application processing)

E-mail: rospatent@rupto.ru (general)
ro-ru@rupto.ru (RO)
pct-peo@rupto.ru (ISA, SISA, IPEA)

The Office has informed the International Bureau (IB) that, with effect from 1 April 2019, it will no longer send notifications via e-mail in respect of international applications.

Furthermore, the Office as designated (or elected) Office has notified a change in the conditions for reductions in national fees. While the examination fee continues to be reduced by 50% where the international search report (ISR) has been established by the Office, it is reduced by 10% where the ISR has been established by any of the other International Searching Authorities (ISAs).

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

US United States of America (Internet address)

The Internet address of the main PCT page of the United States Patent and Trademark Office (USPTO) has changed, as follows:

Internet: www.uspto.gov/patentcooperationtreaty

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

ZA South Africa (fees)

The amounts of the following fees, payable to the Companies and Intellectual Property Commission (CIPC) (South Africa) as receiving Office, have changed with effect from 1 April 2019:

Transmittal fee:	ZAR	525
Fee for priority document:	ZAR	210

The amounts of the following national fees, payable to the Office as designated (or elected) Office, have also changed with effect from the same date:

Filing fee:

- natural persons or small, medium or micro enterprises:	ZAR	590
- others:.....	ZAR	1,100

First annual fee:

- natural persons or small, medium or micro enterprises:	ZAR	140
- others:.....	ZAR	1,400

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

Search fee and other fees relating to the international search (European Patent Office, Indian Patent Office)

As from 1 June 2019, there will be changes in the equivalent amounts payable in the currencies specified below for international searches carried out by the following Offices:

European Patent Office	NZD
Indian Patent Office	CHF, EUR

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

The European Patent Office (EPO) has notified changes to the conditions for refund of the search fee in respect of ISRs drawn up on or after 1 April 2019: where the ISR drawn up by the EPO as ISA is based on an earlier search report prepared by the Office on an application, the priority of which is claimed in the international application – there is now a full or partial refund of the international search fee paid for a pending international application where the ISR is based on an earlier search made on behalf of the United Kingdom on a national application filed as of 1 July 2018.

(Updating of *PCT Applicant's Guide*, Annex D (EP and IN))

New/Updated PCT Resources

Contingency Upload Service – Frequently Asked Questions (FAQs)

Further to the information that was published in *PCT Newsletter* Nos. 11/2018 and 12/2018 concerning the “Contingency Upload Service,” Frequently Asked Questions (FAQs) about this service are now available in English, French and German at, respectively:

www.wipo.int/pct/en/faqs/contingency_upload_faq.html

www.wipo.int/pct/fr/faqs/contingency_upload_faq.html

www.wipo.int/pct/de/faqs/contingency_upload_faq.html

Other languages will follow shortly.

PCT Applicant's Guide (Russian version)

The Russian version of the “Introduction to the International Phase” of the *PCT Applicant's Guide*, which contains detailed information on the international phase of the PCT and was updated on 31 January 2019, has now been published at:

www.wipo.int/pct/guide/ru/gdvol1/pdf/gdvol1.pdf

European Patent Office in Berlin: No postal services on 8 March 2019

The European Patent Office (EPO) has announced that 8 March is now a public holiday in the state of Berlin, Germany. Although the EPO filing office in Berlin was open on that date, no mail was delivered to it as local postal service providers did not operate on that day. Consequently, the EPO announced that there was an extension of periods expiring on 8 March 2019 under EPC Rule 134. A notice concerning the extension of periods expiring on that day has been published on the EPO website at:

www.epo.org/service-support/updates/2019/20190306.html

Practical Advice

Issues to be aware of when submitting drawings in color

Q: I will shortly be filing an international application in respect of an invention that consists of a device which produces results in color. The drawings should therefore preferably be available in color to facilitate the understanding of the invention. Is it possible to submit color drawings as part of the application? If so, how should they be prepared, and should I alert the International Bureau to the fact that I am purposefully filing color drawings?

A: The PCT makes no provision for color drawings (or photographs¹) and, furthermore, according to PCT Rule 11.13, drawings are to be “executed in durable, black, sufficiently dense and dark, uniformly thick and well defined, lines and strokes **without colorings**” [emphasis added]. If at all possible, you should adhere strictly to that rule from the outset and provide any necessary explanation of the relevant colors in the description, since you may be required to provide black and white drawings in the national phase before some Offices and this may prove difficult or impossible without adding subject matter.

However, although the filing of color drawings is not generally permitted under the PCT, any color drawings received will be retained by the receiving Office and/or the International Bureau (IB), although their subsequent availability will vary, depending on a number of factors.

Where, exceptionally, color drawings are submitted, they must be on sheets of A4 size and respect the minimum margins prescribed under PCT Rule 11.6(c), and generally meet the requirements under PCT Rule 11.11 and Rule 11.13. While the receiving Office will not necessarily require replacement sheets where color drawings are submitted, it is important to be aware that, where the applicant does not later furnish replacement black and white drawings (either of their own volition or subsequent to an invitation to correct from the receiving Office), the IB will, for international publication purposes, convert all drawings into black and white (not greyscale). Please also bear in mind that, in some cases, the receiving Office may even do the conversion prior to the drawings being submitted to the IB, and again, the quality for publication purposes cannot be guaranteed. Despite the best efforts of the IB during the conversion or scanning of the color drawings into black and white, it cannot guarantee the clarity of the drawings in the published application. As a result, details may be lost, which could impact the disclosure of the invention in the international application and affect the processing of the international application in the international and national phases.

Given that there is the risk that the conversion to black and white may result in certain inaccuracies when compared with the original document, if you file an application electronically using ePCT-Filing², the IB has made available a dedicated preview function that enables applicants to view, pre-filing, the content of any application body provided in either PDF or DOCX format as it will be rendered by the IB for subsequent processing and publication. The applicant therefore has an opportunity, prior to filing the application using ePCT-Filing, to verify that the content of the converted images will be as originally intended. Since the preview function “view document as it will be rendered at the IB” is based on the same conversion process (the “DocConverter”) as that which is used for document import and publication at the IB, it should closely resemble what will be published by the IB, provided that the receiving Office

¹ Any reference to color drawings also applies to photographs for the purposes of this Practical Advice.

² Note that other electronic filing systems used by certain receiving Offices explicitly preclude the electronic filing of color drawings.

does not make any further conversions of the page images prior to transmitting the record copy to the IB.

The DocConverter preview function is also available as a standalone function, without needing to sign in, at:

<https://pctdemo.wipo.int/DocConverter/pages/pdfValidator.xhtml>

<https://pctdemo.wipo.int/DocConverter/pages/home.xhtml>

By clicking on the dropdown menu icon, you will have access to the complete set of conversion functions and also a user guide.

Please note that, although it is mentioned above that the same preview function is already offered directly as part of ePCT-Filing, this excludes filings with receiving Offices which do not allow upload of the application body within ePCT (namely, the receiving Offices of the Israel Patent Office and the United States Patent and Trademark Office).

Where the receiving Office transmits to the IB a copy of an electronically filed application body in its original format as filed, the IB will make it available on PATENTSCOPE. If the electronic filing software used allowed for the specific indication that color content was filed as part of the international application (this is the case for international applications filed using ePCT-Filing or, in certain cases, PCT-SAFE), such indications will trigger a notice on the front page of the published international application to indicate that the application as filed included color (or greyscale, if that is the case) content and that this is available on PATENTSCOPE.

When using ePCT-Filing, you do not need to indicate specifically that you are purposefully filing color content as ePCT will normally automatically detect color or greyscale in the application body files that are uploaded, and will pre-check the corresponding box. However, the box can be unchecked manually in cases where the user determines that the system detected this in error, such as in cases where the software used by the applicant to prepare the application body converted a pure black and white image into a different file format which, although it appears to be black and white, is then detected as color or greyscale.

When using PCT-SAFE, the checkbox is only available where the receiving Office selected is the IB and must be checked manually, although there will continue to be a validation warning that the drawings are not, but should be, in black and white.

On PATENTSCOPE, in the list of documents, one of the following icons, will appear to the right of the entry "Application Body as Filed" and will serve as a shortcut to the file containing the originally-filed color (or greyscale) content:



The color icon is used for those cases for which there is a specific indication published on the front page that the international application contains color (or greyscale) images. The grey icon is used where there is no such indication on the front page (that is, where color has not been automatically detected or has not been notified specifically by the applicant).

The provision of the drawings as originally filed may assist national phase processing in Offices where color drawings are accepted, and those Offices will be able to consult those drawings in

order to decide what is acceptable for the purposes of national phase processing according to their national laws and procedures. However, as has already been mentioned, all drawings are nevertheless converted to pure black and white formats for further processing and publication by the IB, and this will not overcome the need to provide to other Offices, when required, true black and white drawings representing the color images without adding subject matter.

The IB hopes that at some point in the future, it will be possible to permit the filing and publication of color content in the application body, and there has been much discussion, in particular within the framework of the PCT Working Group, about the future possibility of the acceptance of color drawings during the international phase. However, many technical, legal and procedural considerations have to be addressed, and consultations on these matters are taking place regularly with receiving Offices, International Searching and Preliminary Examining Authorities, designated/elected Offices, as well as certain interested intergovernmental and non-governmental organizations representing users of the PCT System.

For the time being, however, most national phase procedures still require pure black and white content for the application body. Even if the designated Office can access, via PATENTSCOPE, the version that was originally filed, it may remain difficult or impossible to subsequently produce an acceptable black and white version without new subject matter being considered to have been added.

PCT Seminar Calendar			
(http://www.wipo.int/pct/en/seminar/seminar.pdf)			
(situation on 17 April 2019)			
Dates and location	Language of seminar	Nature of seminar; WIPO speakers (and others where known)	Organizer and contact numbers
29-30 April 2019 Doha (QA)	Arabic/ English	WIPO National Workshop on the Patent Cooperation Treaty (PCT) WIPO speaker: Mr. Jazairy	Intellectual Property Rights Protection Department (IPRPD), Ministry of Economy and Commerce, Qatar (Mr. Ahmed Al-Saadi) E-mail: amalsaadi@mec.gov.qa
14 May 2019 Strasbourg (FR)	French	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Bonvallet Other WIPO speakers on other IP topics: Mr. Mazenc, Mr. Vázquez López and other speaker to be announced	National Institute of Industrial Property (INPI) (Ms. Martine Clemente) Tel : (33-01) 56 65 83 93 E-mail: mclemente@inpi.fr
16 May 2019 Paris (FR)	French	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Bonvallet Other WIPO speakers on other IP topics: Mr. Mazenc, Mr. Vázquez López and other speaker to be announced	National Institute of Industrial Property (INPI) (Ms. Martine Clemente) Tel : (33-01) 56 65 83 93 E-mail: mclemente@inpi.fr
16 May 2019 Ecully (FR)	French	PCT seminar WIPO speaker: Ms. Schumm	Centre Paul Roubier Tel: (33-4) 78 33 07 08 Fax: (33-4) 78 33 58 96
20 May 2019 Tokyo (JP)	Japanese	PCT presentation within the framework of a Seminar on WIPO's Global IP Services WIPO speakers: Ms. Kurokawa and Mr. Ushida Other WIPO speakers on other IP topics: Mr. Noda, Mr. Yoshida, Ms. Van Wouw	WIPO Japan Office (Ms. Marina Joyce Anderson) Tel: (81-3) 55 32 50 30 E-mail: japan.office@wipo.int
20-21 May 2019 Tomsk (RU)	Russian	WIPO Workshop on the Patent Cooperation Treaty (PCT) WIPO speaker: Ms. Krysanova	Tomsky Polytechnic University (Ms. Agafonnikova) E-mail: agafonnikova@tpu.ru
21 May 2019 Tokyo (JP)	Japanese	Workshop on the PCT system WIPO speakers: Ms. Kurokawa and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05
21-22 May 2019 Braga (PT)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Mr. Kim Other WIPO speakers on other IP topics: Mr. Diaconescu, Ms. Lähdesmäki, Mr. Vázquez López	National Institute of Industrial Property (Portugal), Spanish Patent and Trademark Office and International Iberian Nanotechnology Laboratory (Ms. Inês Vieira Lopes) Tel: (351) 218 818 167 Fax: (351) 218 878 508 E-mail: ines.v.lopes@inpi.pt
22 May 2019 Osaka (JP)	Japanese	Workshop on the PCT system WIPO speakers: Ms. Kurokawa and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05
23 May 2019 Nagoya (JP)	Japanese	Workshop on the PCT system WIPO speakers: Ms. Kurokawa and Mr. Ushida	Japan Patent Attorneys Association (JPAA) Tel: (81-3) 35 19 23 60 Fax: (81-3) 35 81 12 05
23 May 2019 Moscow (RU)	Russian	Master class: Patent Cooperation Treaty WIPO speakers: Ms. Krysanova	Russian State Academy of Intellectual Property (Ms. Smirnova) E-mail: info@rgiis.ru

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PCT Seminar Calendar [continued]

Dates and location	Language of seminar	Nature of seminar; WIPO speakers (and others where known)	Organizer and contact numbers
27 May 2019 Helsinki (FI)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Metcalfe Other WIPO speakers on other IP topics: Ms. Lähdesmäki, Ms. Gobechia	Finnish Patent and Registration Office (PRH) (Ms. Satu Laakso) Tel.: (358-29) 509 56 21 E-mail: satu.laakso@prh.fi (Mr. Olli Ilmarinen) Tel.: (358- 29) 509 52 36 E-mail: olli.ilmarinen@prh.fi (Ms. Marjo Aalto Setala) E-mail marjo.aalto-setala@prh.fi
29 May 2019 Oulu (FI)	English	PCT presentation within the framework of the Roving Seminars on WIPO Services and Initiatives WIPO speaker: Ms. Metcalfe Other WIPO speakers on other IP topics: Ms. Lähdesmäki, Ms. Gobechia	Finnish Patent and Registration Office (PRH) (see Helsinki, above)
6 June 2019 Glendale, CA (US)	English	PCT course within the framework of the "Patent Administration II: Building on a Solid Foundation" course Speaker on behalf of WIPO: Mr. Oppedahl	Patent Resources Group, Inc. (Ms. Theresa Woods) Tel: (1-703) 682 48 60 Fax: (1-703) 892 45 10 E-mail: twoods@patentresources.com Internet: http://www.patentresources.com
9-10 July 2019 Mannheim (DE)	German	Practical Update on the PCT WIPO speaker: Mr. Reischle-Park	Forum Institut für Management GmbH Tel: (49-6221) 500 660 Fax: (49-6221) 500 965 E-mail: s.schilling@forum-institut.de
10-11 September 2019 Stockholm (SE)	English	Advanced PCT seminar WIPO speakers: Mr. Reischle-Park and Ms. Mohri	IP-Akademien (Ms. Rut Herbjørnsen) Tel: (46-708) 808 342 E-mail: info@ipakademien.se Internet: www.ipakademien.se
19 September 2019 Atlanta, GA (US)	English	PCT course within the framework of the "Patent Administration I: A Foundation for Success" course Speaker on behalf of WIPO: Mr. Oppedahl	Patent Resources Group, Inc. (Ms. Theresa Woods) Tel: (1-703) 682 48 60 Fax: (1-703) 892 45 10 E-mail: twoods@patentresources.com Internet: http://www.patentresources.com
26 September 2019 London (GB)	English	PCT seminar within the framework of the 18 th Annual Conference for Senior Patent Administrators (26-27 September) WIPO speaker: Mr. Reischle-Park	Management Forum Ltd. (Ms. Angela Spall) E-mail: angela.spall@falconbury.co.uk
30 September 2019 Zurich (CH)	German	Seminar on the latest developments concerning the PCT (CEIPI Course) WIPO speaker: Mr. Henninger	Centre d'études internationales de la propriété intellectuelle (CEIPI) (Ms. Lea Pessina) Tel: (41-44) 387 53 55 Fax: (41-44) 387 53 54 E-mail: lea.pessina@sbmp.ch
3-4 October 2019 Des Moines, IA (US)	English	PCT presentation Speaker on behalf of WIPO: Mr. Oppedahl	Iowa Intellectual Property Law Association (Mr. Luke T. Mohrhauser) Tel: (1-515) 288 3667 E-mail: luke.mohrhauser@ipmvs.com
15-16 October 2019 Lille (FR)	French	Basic PCT seminar: "Les procédures de la demande internationale de brevet (PCT) – initiation" WIPO speaker: to be announced	Institut national de la propriété industrielle (INPI) E-mail: academie@inpi.fr

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PCT Seminar Calendar [continued]

Dates and location	Language of seminar	Nature of seminar; WIPO speakers (and others where known)	Organizer and contact numbers
7 November 2019 Philadelphia, PA (US)	English	PCT course within the framework of the "Patent Administration II: Building on a Solid Foundation" course Speaker on behalf of WIPO: Mr. Oppedahl	Patent Resources Group, Inc. (Ms. Theresa Woods) Tel: (1-703) 682 48 60 Fax: (1-703) 892 45 10 E-mail: twoods@patentresources.com Internet: http://www.patentresources.com
13-15 November 2019 Mainz (DE)	German	PCT presentation on latest developments in the PCT within the framework of the 9 th PAFA-Tagung conference WIPO speaker: Mr. Reischle-Park	IP for IP Intellectual Property for Intellectual People GmbH (Ms. Annette Kapeller) Tel: (49-0) 6201 844 37 30 Fax: (49-0) 6201 98 62 10 E-mail: info@ipforip.de Internet: www.ipforip.de
21-22 November 2019 London (GB)	English	Advanced PCT Formalities seminar, including practical presentations on ePCT WIPO speaker: to be announced	Management Forum Ltd. (Ms. Angela Spall) E-mail: angela.spall@falconbury.co.uk
21-22 November 2019 Cary, NC (US)	English	PCT seminar Speaker on behalf of WIPO: Mr. Oppedahl Other speaker: Mr. Neas (United States Patent and Trademark Office)	North Carolina Bar Association (Ms. Toyce Southern) E-mail: tsouthern@kilpatricktownsend.com
22 November 2019 Heidelberg (DE)	German	PCT presentation on latest developments on the PCT within the framework of the Heidelberg PAFA-FORUM conference WIPO speaker: to be announced	Forum Institut für Management GmbH Tel: (49-6221) 500 660 Fax: (49-6221) 500 965 E-mail: s.schilling@forum-institut.de
26 November 2019 Brussels (BE)	French	PCT seminar within the framework of the basic CEIPI course WIPO speaker: to be announced	Centre d'études internationales de la propriété industrielle (CEIPI), International Department (Ms. Christiane Melz) E-mail: christiane.melz@ceipi.edu
28 November 2019 Basel (CH)	English	PCT seminar within the framework of the basic CEIPI course WIPO speaker: to be announced	Centre d'études internationales de la propriété industrielle (CEIPI), International Department (Ms. Christiane Melz) E-mail: christiane.melz@ceipi.edu

PCT Webinars

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

Date and time	Language of webinar	Nature of webinar; WIPO speakers	Registration
30 April 2019 17:30–18:30 CET or 2 May 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: PATENTSCOPE for experts WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/5502715244456302339
21 May 2019 17:30–18:30 CET or 23 May 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Translation tools in PATENTSCOPE WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/1857184387006862083
18 June 2019 17:30–18:30 CET or 20 June 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Chemical structure search WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/1699217551444301571
23 July 2019 17:30–18:30 CET or 25 July 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: How to read your search results WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/5297849839922624515
20 August 2019 17:30–18:30 CET or 22 August 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Find documents published in languages you don't know WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/8768434103741781507
24 September 2019 17:30–18:30 CET or 26 September 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Overview of the PATENTSCOPE search system WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/5853500135647166467
15 October 2019 17:30–18:30 CET or 17 October 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: How to build complex queries WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/5746100939357645059
19 November 2019 17:30–18:30 CET or 21 November 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Chemical structure search WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/6370369556748451587
10 December 2019 17:30–18:30 CET or 12 December 2019 8:30–9:30 CET	English	PATENTSCOPE webinar: Retrospective of 2019 and plans for 2020 WIPO speaker: Ms. Ammann	https://register.gotowebinar.com/rt/3849374112211650563

Other IP events

World IP Day, 26 April 2019

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

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

The international trade fair for “Ideas – Inventions – New Products” will take place in Nuremberg from 31 October to 3 November 2019. For further information, see: www.iena.de/en/home.html

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

PCT Fee Tables

(amounts on 1 April 2019, unless otherwise indicated)

The following Tables show the amounts and currencies of the main PCT fees which are payable to the receiving Offices (ROs) and the International Preliminary Examining Authorities (IPEAs) during the international phase under Chapter I (Tables I(a) and I(b)) and under Chapter II (Table II). Fees which are payable only in particular circumstances are not shown; nor are details of certain reductions and refunds which may be available; such information can be found in the *PCT Applicant's Guide*, Annexes C, D and E. Note that all amounts are subject to change due to variations in the fees themselves or fluctuations in exchange rates. The international filing fee may be reduced by CHF 100, 200 or 300 where the international application, or part of the international application, is filed in electronic form, as prescribed under Item 4(a), (b) and (c) of the Schedule of Fees (annexed to the Regulations under the PCT) and the *PCT Applicant's Guide*, paragraph 5.189. A 90% reduction in the international filing fee (including the fee per sheet over 30), the supplementary search handling fee and the handling fee, as well as an exemption from the transmittal fee payable to the International Bureau as receiving Office, is also available to applicants from certain States—see footnotes 2 and 14. (Note that if the CHF 100, 200 or 300 reduction, as the case may be, and the 90% reduction are applicable, the 90% reduction is calculated **after** the CHF 100, 200 or 300 reduction.) The footnotes to the Fee Tables follow Table II.

Key to abbreviations used in fee tables:

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

Table I(a) — Transmittal and international filing fees
(amounts on 1 April 2019, unless otherwise indicated)

RO	Transmittal fee ¹	International filing fee ^{1, 2} (CHF 1,330)	Fee per sheet over 30 ^{1, 2, 3} (CHF 15)	E-filing reductions according to Schedule of Fees:			Competent ISA(s) ⁴
				Item 4(a) ⁵ (CHF 100)	Item 4(b) ⁶ (CHF 200)	Item 4(c) ⁷ (CHF 300)	
AG	Information not yet available						CA EP
AL	ALL 9,000	CHF 1,330	15	–	–	–	EP
AM	AMD 32,000	USD 1,352	15	–	–	–	EP RU
AP	USD 50 (or eq in local currency)	USD 1,352	15	–	–	–	AT EP SE
AT	EUR 52	EUR 1,169	13	–	176	264	EP
AU	AUD 200	AUD 1,871	21	–	281	422	AU KR
AZ	AZN 35.40	USD 1,352	15	–	203	305	EP RU
BA	BAM 50	EUR 1,169	13	–	–	–	EP
BG	BGN 80	BGN eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	EP RU
BH	BHD 70	USD 1,352	15	–	–	–	AT EP US
BN	BND 150	BND eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AU EP JP SG
BR	BRL ⁸ online: 175 on paper: 260	BRL eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AT BR EP SE US
BW	USD 32	USD 1,352	15	–	–	–	EP
BY	USD 50	USD 1,352	15	–	–	–	EP RU
BZ	BZD 300	USD 1,352	15	–	–	–	CA EP
CA	CAD 300	CAD 1,730	20	–	260	390	CA
CH	CHF 100	CHF 1,330	15	–	200	300	EP
CL	CLP eq USD ⁹ 130	CLP eq USD ⁹ 1,352	eq USD ⁹ 15	–	eq USD 203	eq USD 305	CL EP ES KR US
CN	CNY none ¹⁰	CNY eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	CN
CO	COP online: 400,000 on paper: 480,000	COP eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AT BR CL EP ES KR RU

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Table I(a) — Transmittal and international filing fees [continued]
(amounts on 1 April 2019, unless otherwise indicated)

RO	Transmittal fee ¹		International filing fee ^{1,2}		Fee per sheet over 30 ^{1,2,3}	E-filing reductions according to Schedule of Fees:			Competent ISA(s) ⁴
						Item 4(a) ⁵	Item 4(b) ⁶	Item 4(c) ⁷	
CR	USD	250	USD	1,352	15	–	203	305	CL EP ES
CU	CUC	200	CUC	1,352	15	–	203	305	AT BR CL EP ES RU
CY	EUR	191	EUR	1,169	13	–	–	–	EP
CZ	CZK	1,500	EUR	1,169	13	–	176	264	EP XV
DE	EUR	90	EUR	1,169	13	–	176	264	EP
DJ	USD	100	USD	1,352	15	–	–	–	AT EG EP
	or eq DJF								
DK	DKK	1,500	DKK	8,710	100	–	1,310	1,970	EP SE XN
DM	Information not yet available								
DO	USD	275	USD	1,352	15	–	203	305	CL EP ES US
DZ	DZD	None	CHF	1,330	15	–	200	300	AT EP
EA	RUB	1,600	USD	1,352	15	–	203	305	EP RU
EC	USD	300 ¹¹	USD	1,352	15	–	–	–	CL EP ES
EE	EUR	120	EUR	1,169	13	–	176	264	EP
EG	USD	142	USD	1,352	15	–	203	305	AT EG EP US
EP	EUR	130	EUR	1,169	13	88	176	264	EP
ES	EUR	74.25	EUR	1,169	13	–	176	264	EP ES
FI	EUR	135	EUR	1,169	13	–	176	264	EP FI SE
FR	EUR	62	EUR	1,169	13	–	176	264	EP
GB	GBP	75	GBP	1,037	12	–	156	234	EP
GD	Information not yet available								
GE	USD ¹²	100	USD	1,352	15	–	203	305	AT EP IL RU US
GH	GHS ¹³	2,500 or 5,000	USD	1,352	15	–	–	–	AT AU CN EP SE
GR	EUR	115	EUR	1,169	13	–	–	–	EP
GT	GTQ eq USD	250	USD	1,352	15	–	–	–	AT BR CL EP ES US
HN	USD	200	USD	1,352	15	–	–	–	EP ES
HR	HRK	200	HRK eq CHF	1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	EP
HU	HUF	11,800	HUF	377,400	4,300	–	56,800	85,100	EP XV
IB	CHF ¹⁴	100	CHF	1,330	15	100	200	300	See footnote 15
	or EUR ¹⁴	88	or EUR	1,169	13	88	176	264	
	or USD ¹⁴	102	or USD	1,352	15	102	203	305	
ID	IDR	1,000,000	IDR eq CHF	1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AU EP JP KR RU SG
IE	EUR	76	EUR	1,169	13	–	–	–	EP
IL	ILS	550	USD	1,352	15	–	203	305	EP IL US
	ILS	557							
IN	INR	17,600 (paper filing) ¹⁶	USD	1,352	15	–	203	305	AT AU CN EP IN SE US
	INR	16,000 (e-filing) ¹⁶							
IR	IRR	50,000 (natural persons)	IRR eq CHF	1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	CN EP IN RU
	IRR	500,000 (legal persons)							
IS	ISK	17,300	ISK	163,600	1,800	–	24,600	36,900	EP SE XN
IT	EUR	30.99	EUR	1,169	13	–	176	264	EP
JO	USD 100 or eq JOD		USD	1,352	15	–	203	305	AT AU EP US
JP	JPY	10,000 ¹⁷	JPY	154,000	1,700	–	–	34,700	EP JP SG
KE	USD 250 (or KES equiv) plus cost of mailing		USD	1,352	15	–	203	305	AT AU CN EP SE
KG	None		USD	1,352	15	–	–	–	EP RU
KH	USD	100	USD	1,352	15	–	–	–	CN EP JP SG

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

(amounts on 1 April 2019, unless otherwise indicated)

RO	Transmittal fee ¹	International filing fee ^{1,2}	Fee per sheet over 30 ^{1,2,3}	E-filing reductions according to Schedule of Fees:			Competent ISA(s) ⁴
				Item 4(a) ⁵	Item 4(b) ⁶	Item 4(c) ⁷	
KN	Information not yet available						EP
KP	KPW eq CHF 50	KPW eq CHF 1,330	eq CHF 15	–	–	–	AT CN RU
KR	KRW 45,000	CHF 1,330	15	–	–	300	AT AU JP ¹⁸ KR
KZ	KZT 10,264.80	USD 1,352	15	–	–	–	EP RU
LR	USD 45	USD 1,352	15	–	–	–	AT AU CN EP SE
LS	LSL – ¹¹	LSL eq CHF 1,330	eq CHF 15	–	–	–	AT EP
LT	EUR 92	EUR 1,169	13	–	176	264	EP RU XV
LU	EUR 19	EUR 1,169	13	–	–	–	EP
LV	EUR 70	EUR 1,169	13	–	176	264	EP RU
LY	LYD – ¹¹	CHF 1,330	15	–	–	–	AT EP
MA	MAD 600 ¹⁹	CHF 1,330	15	–	200	300	AT EP RU SE
MD	EUR 100	USD 1,352	15	–	–	–	EP RU
ME	EUR – ¹¹	EUR 1,169	13	–	–	–	EP
MK	MKD 2,700	MKD eq CHF 1,330	eq CHF 15	–	–	–	EP
MN	None	CHF 1,330	15	–	–	–	EP KR RU
MT	EUR 55	EUR 1,169	13	–	–	–	EP
MW	MWK 6,000	USD 1,352	15	–	–	–	EP
MX	USD 323.70 ²⁰	USD 1,352	15	–	203	305	AT CL EP ES KR SE SG US
MY	MYR 500 (e-filing) ²¹ 550 (paper filing) ²¹	MYR eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	AU EP JP KR
NI	USD 200	USD 1,352	15	–	–	–	EP ES
NL	EUR 50	EUR 1,169	13	–	176	264	EP
NO	NOK 800	NOK 11,030	120	–	1,660	2,490	EP SE XN
NZ	NZD 207	NZD 2,044	23	–	307	461	AU EP KR US
OA	XAF – ¹¹	XAF eq CHF 1,330	eq CHF 15	–	–	–	AT EP RU SE
OM	OMR 40	OMR eq USD 1,352	eq USD 15	–	eq USD 203	eq USD 305	AT AU EG EP US
PA	USD 200	USD 1,352	15	–	203	305	BR CL EP ES US
PE	PEN 233.35	PEN eq USD 1,352	eq USD 15	–	eq USD 203	eq USD 305	AT BR CL EP ES KR US
PG	PGK 250	USD 1,352	15	–	–	–	AU
PH	PHP 4,200	USD 1,352	15	–	203	305	AU EP JP KR US (from 20.05.19: PH)
PL	PLN 300	PLN eq CHF 1,330	eq CHF 15	–	eq CHF 200	eq CHF 300	EP XV
PT	EUR 10.67 (online filing) EUR 21.33 (paper filing)	EUR 1,169	13	–	176	264	EP
QA	QAR 400	QAR eq USD 1,352	eq USD 15	–	eq USD 203	eq USD 305	EG EP US
RO	RON 466	EUR 1,169	13	–	176	264	EP RU
RS	RSD 7,700 ²²	EUR 1,169	13	–	176	264	EP
RU	RUB 1,700	USD 1,352	15	–	203	305	EP RU
RW	Information not yet available						
SA	USD 100	USD 1,352	15	–	203	305	CA EG EP KR RU
SC	USD – ¹¹	USD 1,352	15	–	–	–	EP
SD	SDG 50	SDG eq CHF 1,330	eq CHF 15	–	–	–	EG EP
SE	SEK 1,200	SEK 12,100	140	–	1,820	2,730	EP SE XN
SG	SGD 150	SGD 1,854	21	–	279	418	AT AU EP JP KR SG
SI	EUR 91	EUR 1,169	13	–	176	264	EP
SK	EUR 66 ²³	EUR 1,169	13	–	176	264	EP XV
SM	EUR 100	EUR 1,169	13	–	–	–	EP
SV	None ²⁴	USD 1,352	15	–	–	–	CL EP ES

[continued on next page]

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

(amounts on 1 April 2019, unless otherwise indicated)

RO	Transmittal fee ¹	International filing fee ^{1,2}	Fee per sheet over 30 ^{1,2,3}	E-filing reductions according to Schedule of Fees:			Competent ISA(s) ⁴
				Item 4(a) ⁵	Item 4(b) ⁶	Item 4(c) ⁷	
SY	USD — ¹¹	USD 1,352	15	—	—	—	AT EG EP RU
TH	THB 3,000	THB eq CHF 1,330	eq CHF 15	—	—	—	AU CN EP JP KR SG US
TJ	TJS — ¹¹	USD 1,352	15	—	—	—	EP RU
TM	USD — ¹¹	USD 1,352	15	—	—	—	EP RU
TN	TND — ¹¹	CHF 1,330	15	—	—	—	EP
TR	None	CHF 1,330	15	—	200	300	EP TR
TT	TTD 750	USD 1,352	15	—	—	—	AT CL EP SE US
UA	UAH (or eq EUR or USD) ²⁵ 1,300	USD (or eq UAH or EUR) 1,352	15	—	—	—	EP RU UA
UG	Information not yet available						
US	USD 240 ²⁶ small entity ²⁷ : 120 ²⁶ micro entity ²⁷ : 60 ²⁶	USD 1,352	15	102	203	—	AU EP IL JP KR RU SG US
UZ	UZS 306,830 ²⁸	USD 1,352	15	—	—	—	EP RU
VN	VND 300,000	CHF 1,330	15	—	—	—	AT AU EP JP KR RU SE SG
ZA	ZAR 525	ZAR 19,200	220	—	2,890	4,330	AT AU EP US
ZM	USD 50	USD 1,352	15	—	—	—	AT SE
ZW	ZWD 6,000	ZWD eq USD 1,352	eq USD 15	—	—	—	AT AU CN EP RU

Table I(b) — Search fees

(amounts on 1 April 2019, unless otherwise indicated)

ISA	Search fee ¹								
AT ²⁹	EUR 1,775	CHF 2,020	KRW 2,279,000	SGD 2,820	USD 2,053	ZAR 29,160			
AU	AUD 2,200 USD 1,589	CHF 1,564 ZAR 22,570	EUR 1,374	KRW 1,768,000	NZD 2,403	SGD 2,180			
BR ⁸	Online: * (from 1.5.19: On paper: * (from 1.5.19:	BRL 1,685 CHF 452) BRL 2,525 CHF 677)	CHF* 427 CHF* 640	EUR 398 EUR 596	USD 454 USD 680				
CA	CAD 1,600	CHF 1,230	EUR 1,081	USD 1,250					
CL	USD 2,000	CHF 1,968	EUR 1,729						
	In case of filing by a natural person or a legal entity ² :	USD 400	CHF 394	EUR 346					
	In case of filing by a university ³⁰ :	USD 300	CHF 295	EUR 259					
CN	CNY 2,100	CHF 301	EUR 264	USD 306					
EG ³¹	EGP 4,000	CHF 219	EUR 193	USD 223					
EP ³²	EUR 1,775 JPY 221,700 ZAR 29,160	CHF 2,020 NOK 16,760 (* from 1.6.19:	DKK 13,230 NZD* 3,105 NZD 2,921)	GBP 1,576 SEK 18,380	HUF 573,200 SGD 2,820	ISK 249,900 USD 2,053			
ES ³²	EUR 1,775	CHF 2,020	USD 2,053						
FI	EUR 1,775	CHF 2,020	USD 2,053						
IL	ILS 3,567	CHF 948	EUR 842	USD 963					
IN	INR 10,000 (*from 1.6.19:	CHF 134 CHF 144)	EUR 118 EUR 129)	USD 137					
	In case of filing by an individual: INR 2,500 (*from 1.6.19:	CHF 34 CHF 36)	EUR 30 EUR 32)	USD 34					
JP ¹⁷	For IAs in Japanese: JPY 70,000 For IAs in English: JPY 156,000	CHF 604 CHF 1,347	EUR 560 EUR 1,249	KRW 683,000 SGD 1,878	USD 614 USD 1,369				

[continued on next page]

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

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

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

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

Table II — Preliminary examination fees
(amounts on 1 April 2019, unless otherwise indicated)

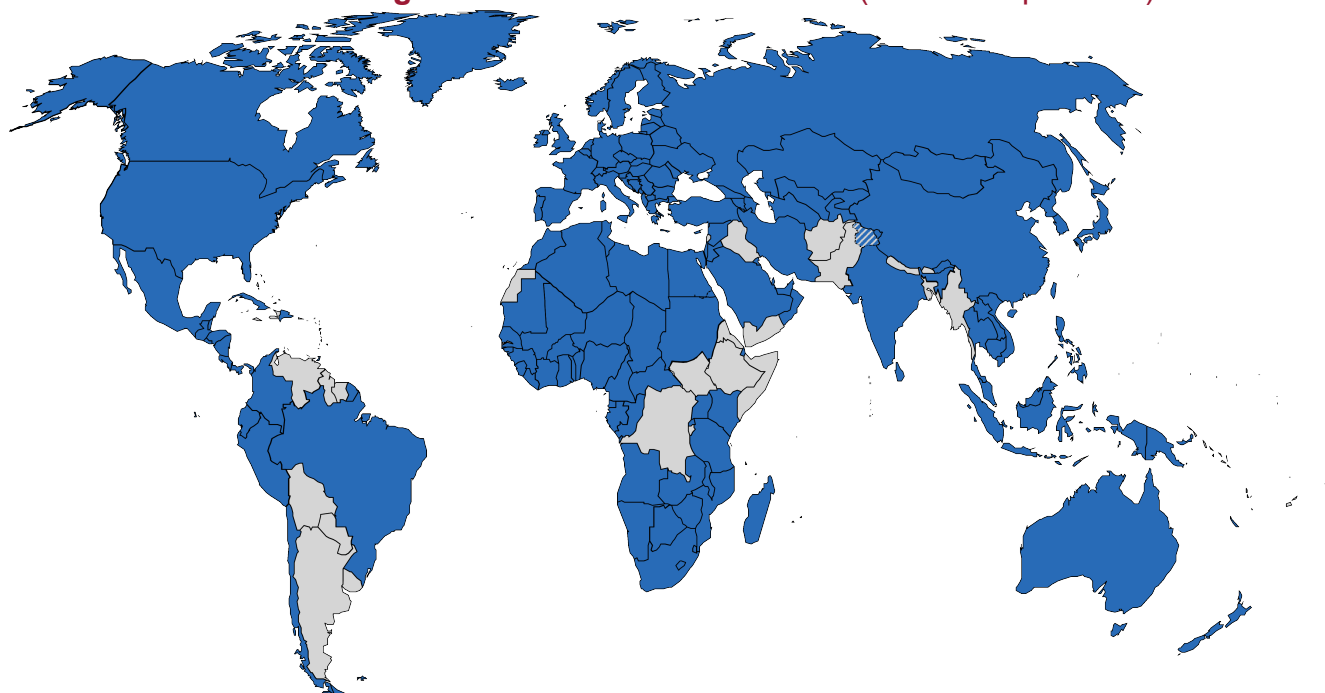
IPEA	Preliminary examination fee ³⁵		Handling fee ^{2,35} (CHF 200)	
AT	EUR ²⁹	1,749	EUR	176
AU	AUD	590	820 ³⁶	AUD 281
BR	Online: BRL ⁸	630	BRL eq CHF	200
	On paper: BRL ⁸	945		
CA	CAD	800	CAD	260
CL	USD	1,500	USD	203
	in case of filing by a natural person or a legal entity ² :	USD 400		
	in case of filing by a university ³⁰ :	USD 300		
CN	CNY	1,500	CNY eq CHF	200
EG	EGP	3,000	USD	203
EP	EUR ³²	1,830	EUR	176
ES	EUR ³²	583.65	EUR	176
FI	EUR	600	EUR	176
IL	ILS	1,529	ILS	739
IN	if ISR prepared by ISA/IN: INR 10,000; in case of filing by individual: INR 2,500 if ISR not prepared by ISA/IN: INR 12,000; in case of filing by individual: INR 3,000		USD	203
JP	For IAs in Japanese: JPY	26,000 ¹⁷	JPY	23,200
	For IAs in English: JPY	58,000		
KR	KRW	450,000	KRW	226,000
RU	For IAs in Russian: RUB	4,500 ³⁷	USD	203
	For IAs in English: RUB	16,000 ³⁷ 24,000 ³⁸		
SE	SEK	5,000	SEK	1,820
SG	SGD	830	SGD	279
TR	TRY	1,000	CHF	200
UA	If the ISR has been prepared by ISA/UA: – for IAs in English, French or German: EUR 160 – for IAs in Russian or Ukrainian: EUR 50 If the ISR has been prepared by another ISA: – for IAs in English, French or German: EUR 180 – for IAs in Russian or Ukrainian: EUR 70		EUR	176
US	USD	600	USD	203
	For small entity ²⁷ :	USD 300 380 ³⁹		
	For micro entity ²⁷ :	USD 150 190 ³⁹		
XN	DKK	5,000	DKK	1,310
XV	EUR	900	EUR	176

[See over page for footnotes to fee tables]

Footnotes to fee tables:

- 1 Payable to the receiving Office in the currency or one of the currencies prescribed by it.
- 2 This fee is reduced by 90% where the applicant or, if there are two or more applicants, each applicant fulfills the criteria indicated on the PCT website at: www.wipo.int/pct/en/fees. Note that the PCT Assembly adopted an Understanding, with effect from 11 October 2017, which clarifies that this fee reduction is intended to apply only in the case where the applicants indicated in the request are the sole and true owners of the application and under no obligation to assign, grant, convey or license the rights in the invention to another party which is not eligible for the fee reduction.
- 3 Where the IA contains a sequence listing as a separate part of the description, this should preferably be furnished in accordance with Annex C, paragraph 40, of the Administrative Instructions under the PCT, that is, in compliance with WIPO Standard ST.25 text format; no additional fees are due for sequence listings filed in this format. Where, however, such sequence listings are filed in the form of an image file (e.g. PDF), fees are due for each page (see *PCT Newsletter* No. 06/2009, page 2 at: www.wipo.int/pct/en/newslett/2009/newslett_09.pdf).
- 4 For the search fee payable to the receiving Office, consult the entry in Table I(b) for the competent International Searching Authority.
- 5 If the IA is filed in electronic form, the request not being in character coded format.
- 6 If the IA is filed in electronic form, the request being in character coded format.
- 7 If the IA is filed in electronic form, the request, description, claims and abstract being in character coded format.
- 8 This fee is reduced by 60% where the IA is filed by a natural person, a small or medium-sized enterprise, a cooperative, an academic institution, a non-profit-making entity or a public institution. For further details, see Official Resolution of the National Institute of Industrial Property (Brazil) No. 129/14 of 10 March 2014.
- 9 When calculating the USD equivalent amount in CLP, applicants should use the exchange rate fixed by the Central Bank of Chile on the day before the date of payment.
- 10 The collection of the CNY 500 transmittal fee was suspended by the Office as from 1 August 2018 and the applicant is not required to pay this fee from that date.
- 11 The amount of this fee is not yet known. The Office should be consulted for the applicable fee amount.
- 12 This fee is reduced by 70% where the applicant is a natural person and by 90% where the applicant is a student or a retiree.
- 13 The first amount of the transmittal fee is applicable to individuals or entities employing less than 25 persons. The second amount is applicable to entities employing 25 persons or more.
- 14 This fee is not payable in respect of IAs filed by applicants fulfilling the conditions indicated on the PCT website at: www.wipo.int/pct/en/fees
- 15 The competent International Searching Authority(ies) for an IA filed with the International Bureau as receiving Office is (are) the Authority(ies) which would have been competent if the IA had been filed with the receiving Office of, or acting for, the Contracting State of which the applicant (or any of the applicants) is a resident or national. See also *PCT Applicant's Guide*, Annex C (IB).
- 16 The fee for a natural person and/or a startup is INR 3,500 (paper filing), INR 3,200 (electronic filing); the fee for a small entity, alone or with natural person(s) and/or a startup is INR 8,800 (paper filing), INR 8,000 (electronic filing).
- 17 This fee is reduced by two thirds where the application is filed in Japanese by a small-sized sole proprietorship, a sole proprietorship that commenced business less than ten years ago, a small-sized enterprise, or a small or medium-sized enterprise that has been established less than ten years. For further details, see: www.jpo.go.jp/tetuzuki/ryoukin/chusho_keigen.htm
- 18 The Japan Patent Office is competent only for IAs filed in Japanese.
- 19 This fee is reduced by 50% where the IA is filed by a public university, a small or medium enterprise (in accordance with the criteria of the charter for small or medium enterprises) or a natural person who is a national of and resides in one of the States entitled to a reduction under the PCT (for the list of States see: www.wipo.int/pct/en/fees).
- 20 This fee is subject to a national tax of 16%.
- 21 Plus MYR 60 for each sheet in excess of 30 for electronic filings, and MYR 70 for each sheet in excess of 30 for paper filings.
- 22 This fee is reduced by 50% where the applicant is a natural person.
- 23 This fee is reduced by 50% if the IA is filed in fully-electronic form.
- 24 Although there is no transmittal fee payable, the applicable must nevertheless pay the postage fee for the transmittal of the copy of the international application to the International Bureau and the International Searching Authority.
- 25 This fee is reduced by 95% where all applicants are also inventors and by 90% where all applicants are also non-profitable institutions and/or organizations. When the fee is payable with relation to an application made by both types of applicant, and all applicants are either also inventors, or non-profitable institutions and/or organizations, the fee is reduced by 90%.
- 26 Plus non-electronic filing fee portion for IAs filed other than by the Office electronic filing system of USD 400, or in the case of filings by small entities or micro entities: USD 200.
- 27 For further details about entitlement to and establishment of "small entity" status and "micro entity" status, see 37 CFR § 1.27 and 1.29 (pages R-41 and R-47), respectively, at: www.uspto.gov/web/offices/pac/mpep/consolidated_rules.pdf
- 28 Reductions may apply – for further details see the Office's website at: <http://ima.uz/ru/regulatory/tarify-i-poshliny/>
- 29 The fee is reduced by 75% where the applicant, or if there are two or more applicants, each applicant is a natural person and is a national of and resides in a State for which the Austrian Patent Office is an International Searching Authority (in the case of the search fee)/International Preliminary Examining Authority (in the case of the preliminary examination fee).
- 30 Applicable where the applicant is (a) a Chilean university, or (b) a foreign university headquartered in any of the States which benefit, in accordance with the Schedule of Fees under the PCT Regulations, from the 90% reduction of the international filing fee and authenticated by its legal representative, in a simple declaration signed in the presence of a notary, as constituted as a university in accordance with the law of that State, provided that, if there are several applicants, each must satisfy the criterion set out in either sub-item (a) or (b)). For details of applicants entitled to the 90% reduction, see: www.wipo.int/pct/en/fees
- 31 The search fee payable to the Office is reduced by 25% where the applicant, or, if there are two or more applicants, each applicant is a natural person or a legal entity and is a national of and resides in a State which is classified by the World Bank in the group of countries of "low income", "lower middle income" or "upper middle income".
- 32 The search and preliminary examination fees payable to the European Patent Office and the Spanish Patent and Trademark Office are reduced by 75% under certain conditions. For further information, see the relevant footnote in the *PCT Applicant's Guide*, Annexes D (EP and ES) and E (EP and ES) at: www.wipo.int/pct/guide/en/index.html
- 33 Payable to the International Bureau in Swiss francs.
- 34 This fee applies where a declaration referred to in PCT Article 17(2)(a) has been made by the International Searching Authority because of subject matter referred to in PCT Rule 39.1(iv) (methods of treatment).
- 35 Payable to the International Preliminary Examining Authority in the currency or one of the currencies prescribed by it.
- 36 Payable when the international search report was not issued by the Australian Patent Office.
- 37 Payable when the international search report was established by the Federal Service for Intellectual Property (Rospatent) (Russian Federation).
- 38 In all cases where footnote 37 does not apply.
- 39 Payable when the international search was not carried out by the United States Patent and Trademark Office (USPTO) (provided that the USPTO is a competent International Preliminary Examining Authority in the particular case—see *PCT Applicant's Guide*, Annex C (US)).

PCT Contracting States and Two-letter Codes (152 on 1 April 2019)



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

1 Extension of European patent possible.

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

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

4 Validation of European patent possible.

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

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

Where a State can be designated for a regional patent, the two-letter code for the regional patent concerned is indicated in parentheses (AP = ARIPO patent, EA = Eurasian patent, EP = European patent, OA = OAPI patent).

Important: This list includes all States that have adhered to the PCT by the date shown in the heading. Any State indicated in **bold italics** has adhered to the PCT but will only become bound by the PCT on the date shown in parentheses; it will not be considered to have been designated in international applications filed before that date.

Note that even though the filing of a request constitutes under PCT Rule 4.9(a) the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents, applicants should always use the latest version of the e-filing software used to generate the request form, or the latest versions of the request form (PCT/RO/101) and demand form (PCT/IPEA/401) (the latest versions are dated 1 January 2019). The request and demand forms can be printed from the website, in editable PDF format, at: <https://www.wipo.int/pct/en/forms/>, or obtained from receiving Offices or the International Bureau, or, in the case of the demand form, also from International Preliminary Examining Authorities. Where possible, applicants are encouraged to use ePCT-Filing in order to benefit from the most up-to-date PCT data.