from the most up-to-date PCT data. From International Preliminary Examining Authorities. Where possible, applicants are encouraged to use ePCT-Filing in order to benefit

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.

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

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