

# Roving Seminar on WIPO Services and Initiatives

**Auckland, New Zealand  
13 March 2017**

# Introduction to WIPO



Speaker : Victor Vázquez López, Head,  
Section for Coordination of Developed Countries



# WIPO

## MISSION STATEMENT

*“To lead the development of a balanced and effective international intellectual property (IP) system that enables innovation and creativity for the benefit of all.”*

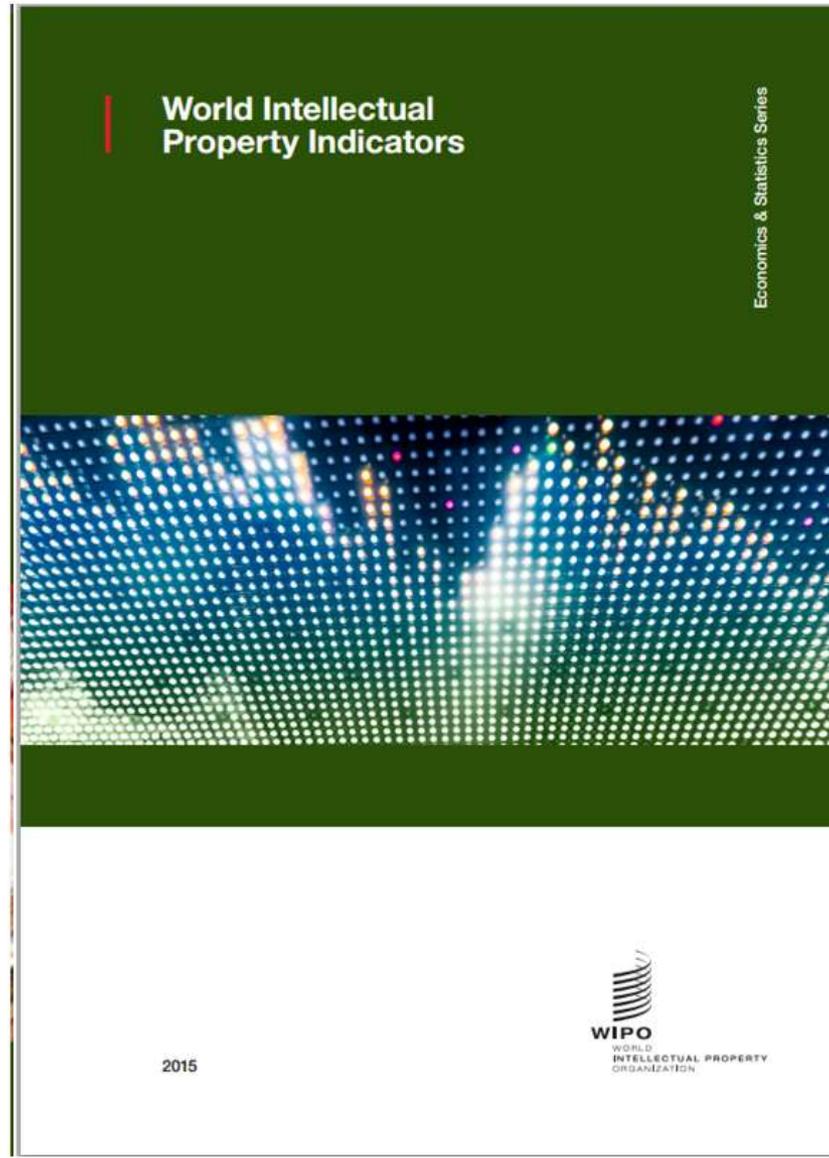
**WIPO**  
WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

# Facts about WIPO

- **MEMBER STATES: 189**
- **OBSERVERS:** more than **390** (NGOs, IGOs, industry groups, etc.)
- **STAFF:** more than **1200**
- **ADMINISTERED TREATIES: 26**
- **MAIN BODIES:** General Assembly, CC, WIPO Conference

<http://www.wipo.int/multimedia-video/en/about-wipo/wipo.ogg>

# Major Economic Studies on IP



# New Zealand



# The Global Innovation Index

## RANKING 2015

1. SWITZERLAND
2. UNITED KINGDOM
3. SWEDEN
4. NETHERLANDS
5. UNITED STATES OF AMERICA
6. FINLAND
7. SINGAPORE
8. IRELAND
9. LUXEMBOURG
10. DENAMRK
11. HONG KONG (CHINA)
12. GERMANY
13. ICELAND
14. REPUBLIC OF KOREA
15. **NEW ZEALAND**

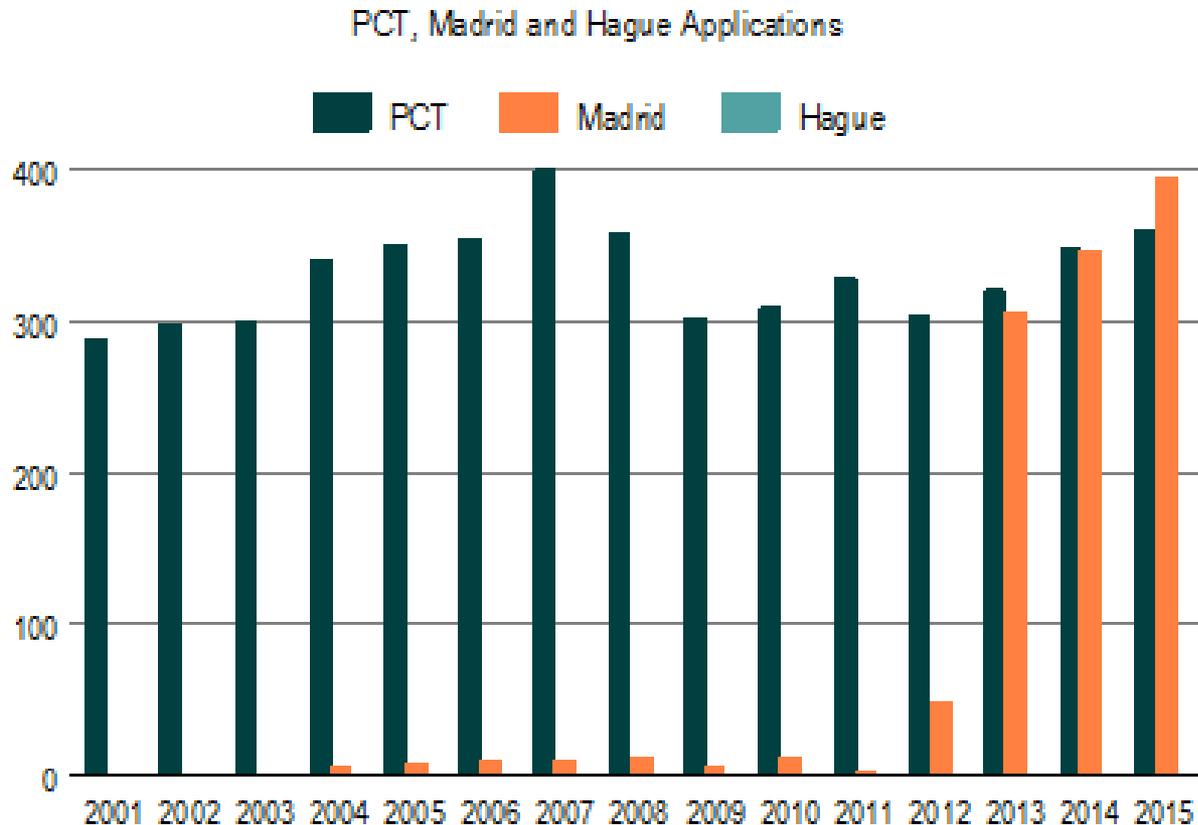
## RANKING 2016

1. SWITZERLAND
2. SWEDEN
3. UNITED KINGDOM
4. UNITED STATES OF AMERICA
5. FINLAND
6. SINGAPORE
7. IRELAND
8. DENMARK
9. NETHERLANDS
10. GERMANY
11. REPUBLIC OF KOREA
12. LUXEMBOURG
13. ICELAND
14. HONG KONG (CHINA)
17. **NEW ZEALAND**

# The Global Innovation Index

| Strengths                                    | Weaknesses                                   |
|--|--|
| Institutions                                 | Graduates in science & engineering, %        |
| Political Environment                        | GDP/unit of energy use, 2005 PPP\$/kg oil eq |
| Political Stability & safety                 | Market capitalization, % GDP                 |
| Government effectiveness                     | Total value of stocks traded, % GDP          |
| Regulatory environment                       | GERD financed by abroad, %                   |
| Rule of law                                  | FDI net inflows, % GDP                       |
| Cost of redundancy dismissal, salary weeks   | Growth rate of PPP\$ GDP/worker, %           |
| Ease of starting a business                  | High- & medium-high-tech manufactures, %     |
| Credit                                       | Knowledge diffusion                          |
| Ease of getting credit                       | ICT services exports, % total trade          |
| Ease of protecting minority investors        | FDI net outflows, % GDP                      |
| Scientific & technical articles/bn PPP\$ GDP |  |
| New businesses/th pop. 15–64 .               |  |

# International Applications via WIPO Administered Treaties (1998 to 2015)

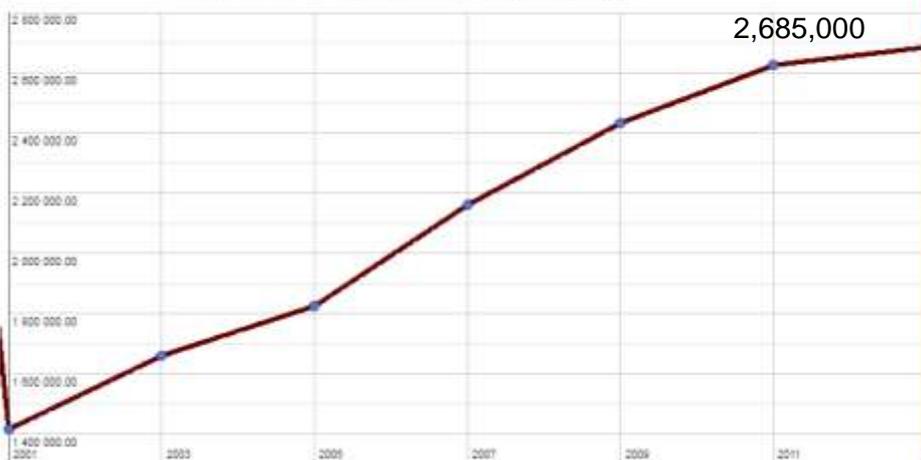


Source: WIPO statistics database; last updated: 11/2016

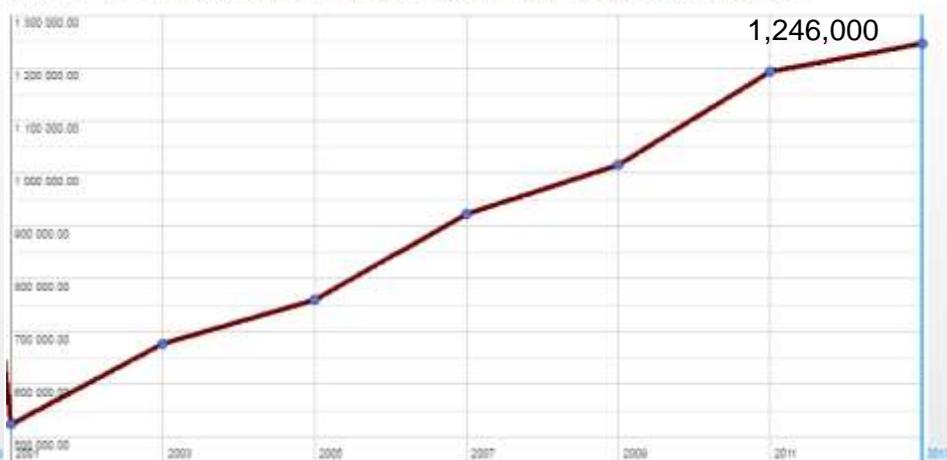
# Statistics at a glance

- PCT System applications grew nearly 3.5% between 2010 and 2015
- Madrid System applications grew just over 3000% in the same time period

GERD - Total (in '000 local currency)



GERD - performed by business enterprise (in '000 local currency)



GERD= Gross Expenditure on Research and Development, Source: [data.uis.unesco.org/](http://data.uis.unesco.org/)

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- WIPO Wire:  
[www.wipo.int/newsletters/en](http://www.wipo.int/newsletters/en)
- Press releases  
[www.wipo.int/pressroom/en/](http://www.wipo.int/pressroom/en/)





# WIPO Services & Initiatives

## The Patent Cooperation Treaty (PCT)



- Anjali Aeri, Program Officer, PCT International Cooperation Division, Patents & Technology Sector

**Auckland, New Zealand**  
**13 March 2017**

# Putting Innovation into Practice

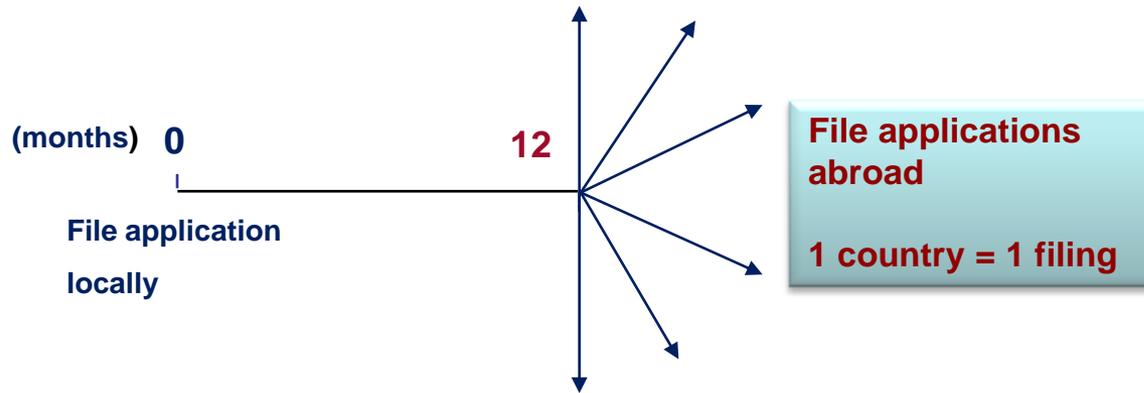
- The PCT is a global solution for innovators
  - One international patent application
  - One form
  - One language
  - One office
  - One set of fees
- Has the effect of a regular national filing in each Member State

# General remarks on the PCT system

- Only inventions may be protected via the PCT
- The PCT is a patent “filing” system, *not* a patent “granting” one.
- The decision on granting patents is taken exclusively by national/regional Offices

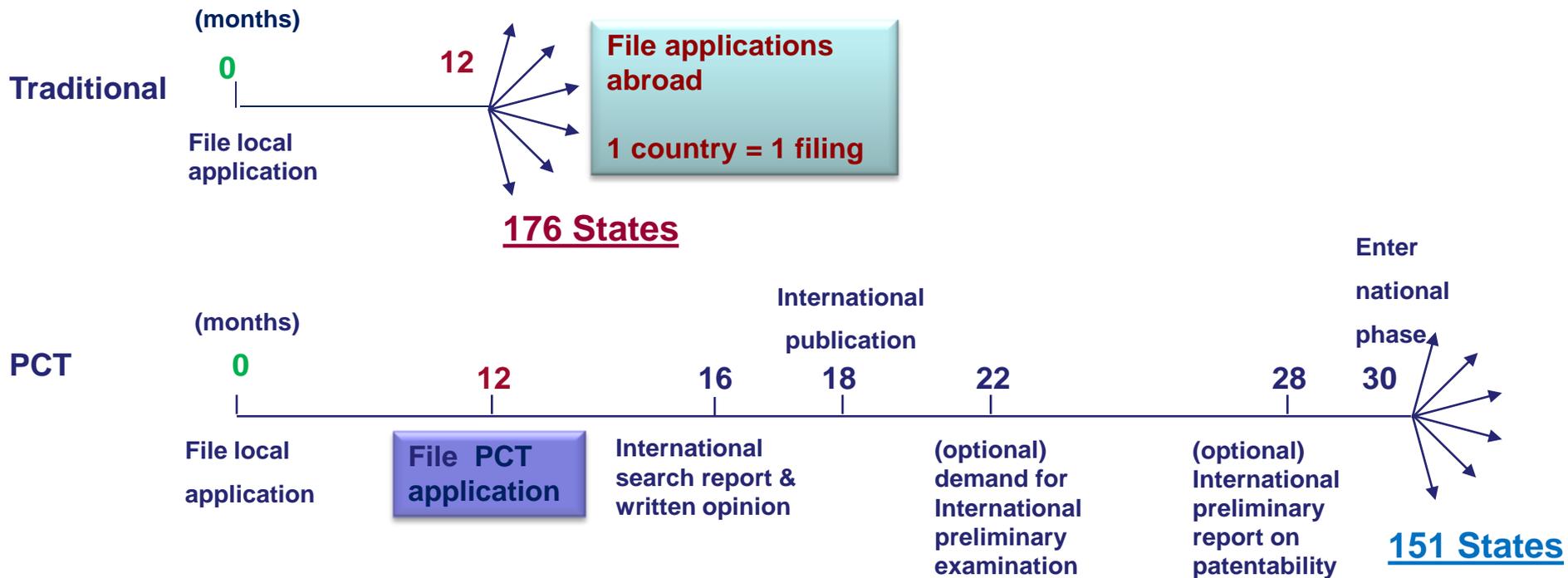


# Traditional patent system: “Paris Route”

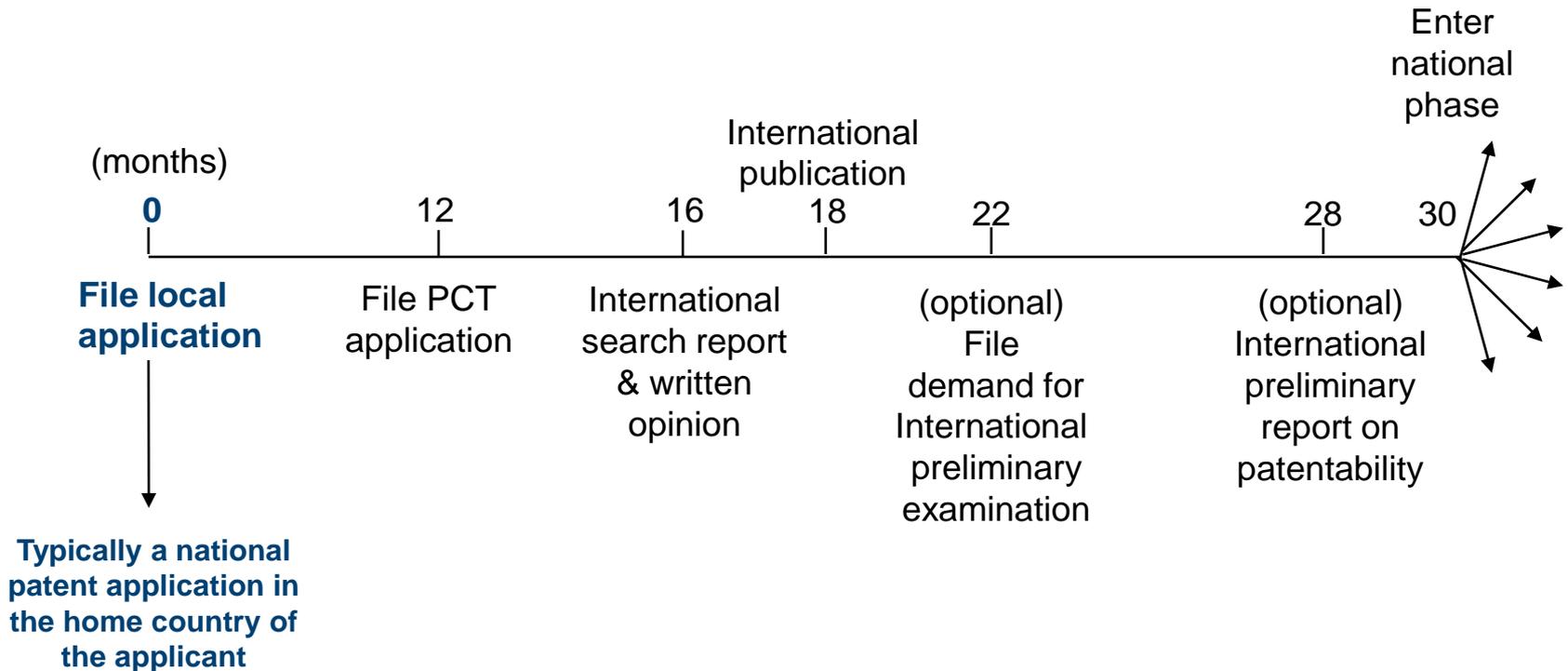


- Local patent application followed within 12 months by multiple foreign applications claiming priority under Paris Convention:
  - multiple formality requirements
  - multiple searches
  - multiple publications
  - multiple examinations and prosecutions of applications
  - translations and national fees required at 12 months
- Some rationalization because of regional arrangements: ARIPO, EAPO, EPO, OAPI

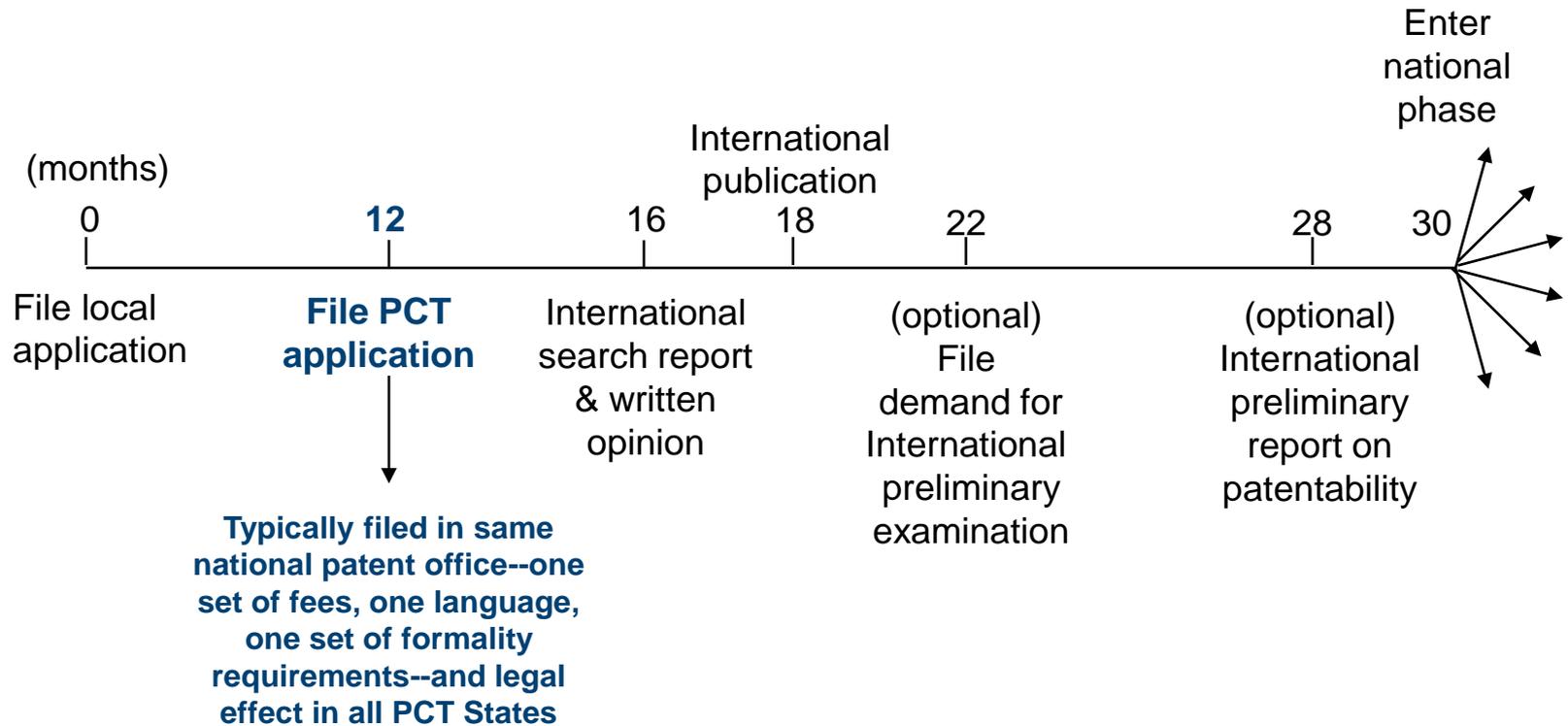
# PCT - Seek Patents Globally



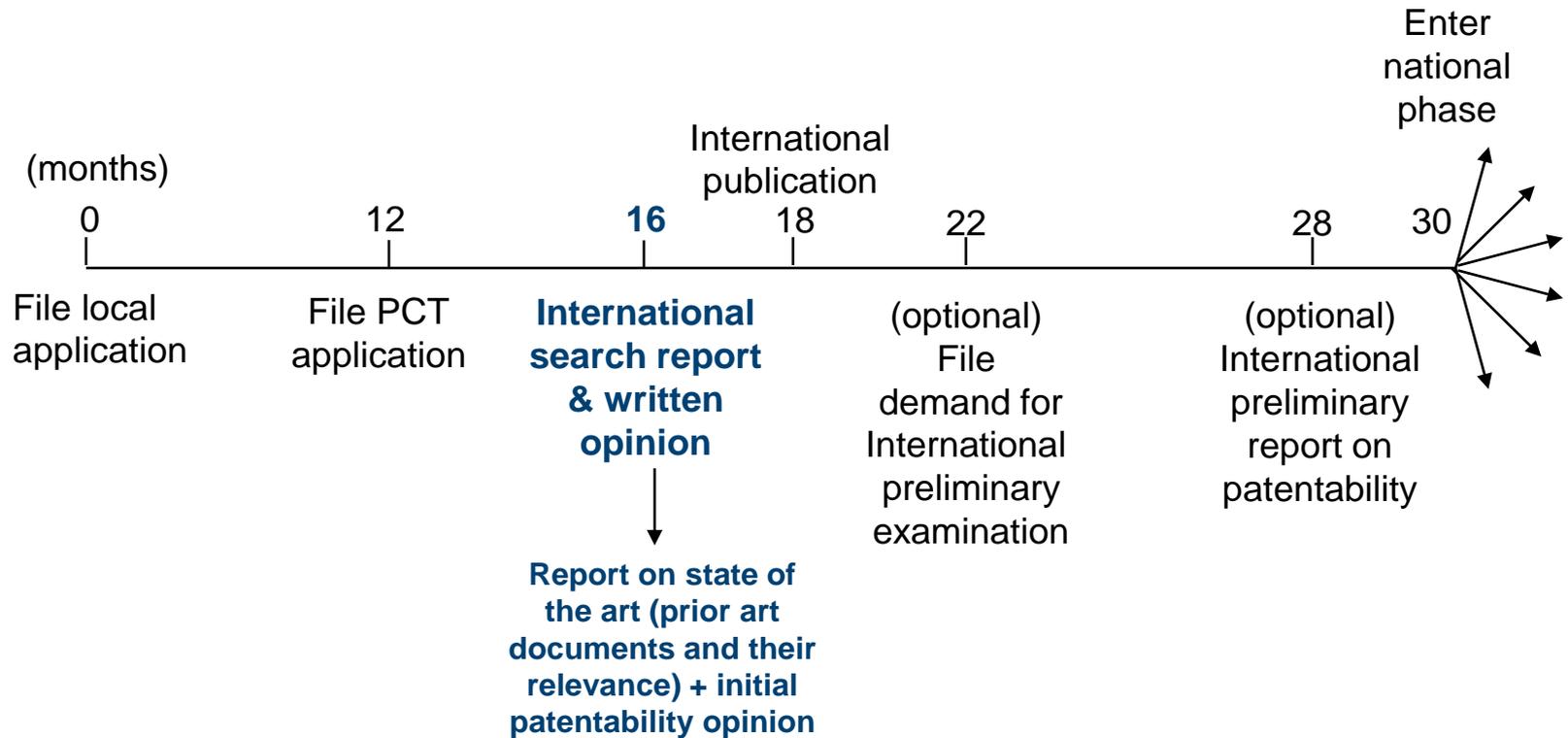
# The PCT system



# The PCT system



# The PCT system



# International Searching Authorities (22 in total)

- AT – Austria
- AU – Australia
- BR – Brazil
- CA – Canada
- CL – Chile
- CN – China
- EG – Egypt
- ES – Spain
- FI – Finland
- IL – Israel
- IN – India
- JP – Japan
- KR – Republic of Korea
- RU – Russian Federation
- SE – Sweden
- SG – Singapore
- UA – Ukraine
- US – United States of America
- EP – European Patent Office
- XN – Nordic Patent Institute  
(Denmark, Iceland, Norway)
- XV – Visegrad Patent Institute (VPI)  
(Czech Republic, Hungary, Poland, Slovakia)
- TR – Turkish Patent and Trademark Office  
(operational as from 8 March 2017)

Receiving Office decides on which ISAs is/are competent

# Example: PCT International Search Report (PCT/ISA/210)

| C. DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category*                              | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| X                                      | JP 50-14535 B (NCR CORPORATION) 28 May 1975 (28.05.75), column 4, lines 3 to 27   | 7-9, 11               |
| X                                      | GB 392415 A (JONES) 18 May 1933 (18.05.33)<br>Fig. 1<br>page 3, lines 5-7<br>Fig. 5, support 36   | 1-3                   |
| Y                                      |   | 4, 10                 |
| A                                      |   | 11-12                 |
| X                                      | GB 2174500 A (STC) 5 November 1986 (05.11.86)<br>page 1, lines 5-15, 22-34, 46-80; Fig. 1   | 1-3                   |
| Y                                      |   | 4                     |
| A                                      | US 4322752 A (BIXTY) 30 March 1982 (30.03.82)<br>claim 1  | 1                     |
| A                                      | GREEN, J.P. Integrated Circuit and Electronic Compass, IBM Technical Disclosure Bulletin, October 1975, Vol. 17, No. 6, pages 1344 and 1345 | 1-5                   |

**Symbols indicating which aspect of patentability the document cited is relevant to (for example, novelty, inventive step, etc.)**

**Documents relevant to whether or not your invention may be patentable**

**The claim numbers in your application to which the document is relevant**

# The PCT system





Structured Search

Fields

|     |                         |           |   |
|-----|-------------------------|-----------|---|
|     | Front Page              | =         | <input type="text"/>  |
| AND | WIPO Publication Number | =         | <input type="text"/>  |
| AND | Application Number      | =         | <input type="text"/>  |
| AND | Publication Date        | =         | <input type="text"/>  |
| AND | English Title           | =         | <input type="text"/>  |
| AND | English Abstract        | =         | <input type="text"/>  |
| AND | Applicant Name          | =         | <input type="text"/>  |
| AND | International Class     | =         | <input type="text"/>  |
| AND | Inventor Name           | =         | <input type="text"/>  |
| AND | Office Code             | =         | <input type="text"/>  |
| AND | English Description     | =         | <input type="text"/>  |
| AND | English Claims          | =         | <input type="text"/>  |
| AND | Inventor Name           | Is Empty: | <input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No |

Language English Stem

Office

- |   |                                      |  |   |
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| <input type="checkbox"/> Argentina      | <input type="checkbox"/> El Salvador | <input type="checkbox"/> Peru              | <input type="checkbox"/> EPO            |
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| <input type="checkbox"/> Chile          | <input type="checkbox"/> Honduras    | <input type="checkbox"/> Singapore         | <input checked="" type="checkbox"/> All |
| <input type="checkbox"/> Colombia       | <input type="checkbox"/> Israel      | <input type="checkbox"/> South Africa      |   |
| <input type="checkbox"/> Costa Rica     | <input type="checkbox"/> Mexico      | <input type="checkbox"/> Spain             |   |
| <input type="checkbox"/> Cuba           | <input type="checkbox"/> Morocco     | <input type="checkbox"/> Uruguay           |   |
| <input type="checkbox"/> Dominican Rep. | <input type="checkbox"/> Nicaragua   | <input type="checkbox"/> Viet Nam          |   |

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(12) DEMANDE INTERNATIONALE PUBLIÉE EN VERTU DU TRAITÉ DE COOPÉRATION EN MATIÈRE DE BREVETS (PCT)

(19) Organisation Mondiale de la Propriété Intellectuelle Bureau international



WIPO | PCT



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(75) Inventeurs/Déposants (pour US seulement) : CANARD, David [FR/FR]; C/o Crftech, 2 rue Jean Perrin, F-14460 Colombelles (FR). LECUYER, Matthieu [FR/FR]; C/O CRFTECH, 2 rue Jean Perrin, F-14460 Colombelles (FR).

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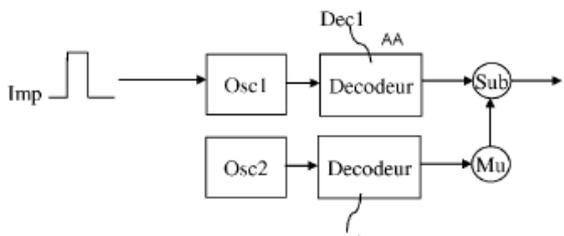
(81) États désignés (sauf indication contraire, pour tout titre de protection nationale disponible) : AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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Publiée : — avec rapport de recherche internationale (Art. 21(3))

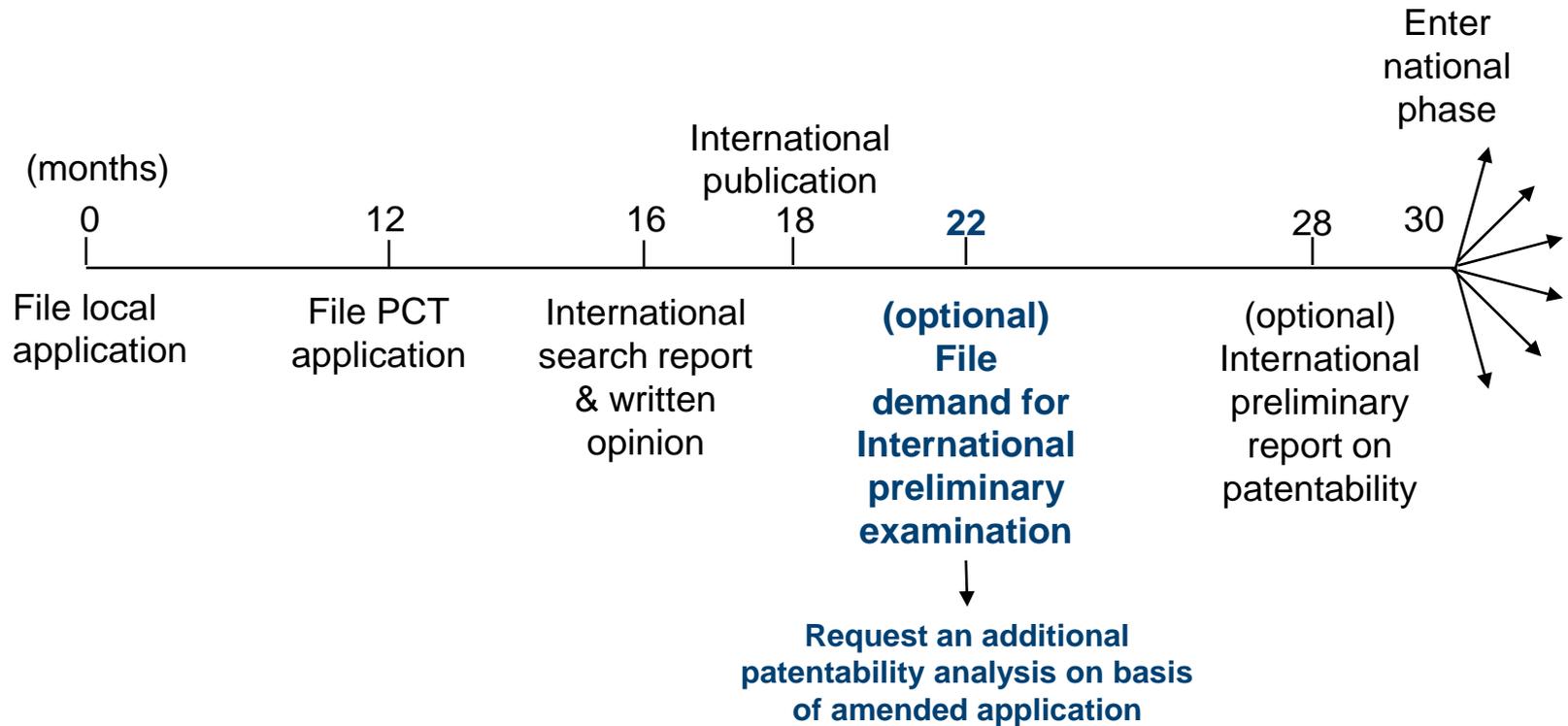
(54) Title : DEVICE FOR MEASURING A DURATION OF A LEVEL OF AN ELECTRICAL SIGNAL

(54) Titre : DISPOSITIF DE MESURE D'UNE DURÉE D'UN NIVEAU D'UN SIGNAL ÉLECTRIQUE

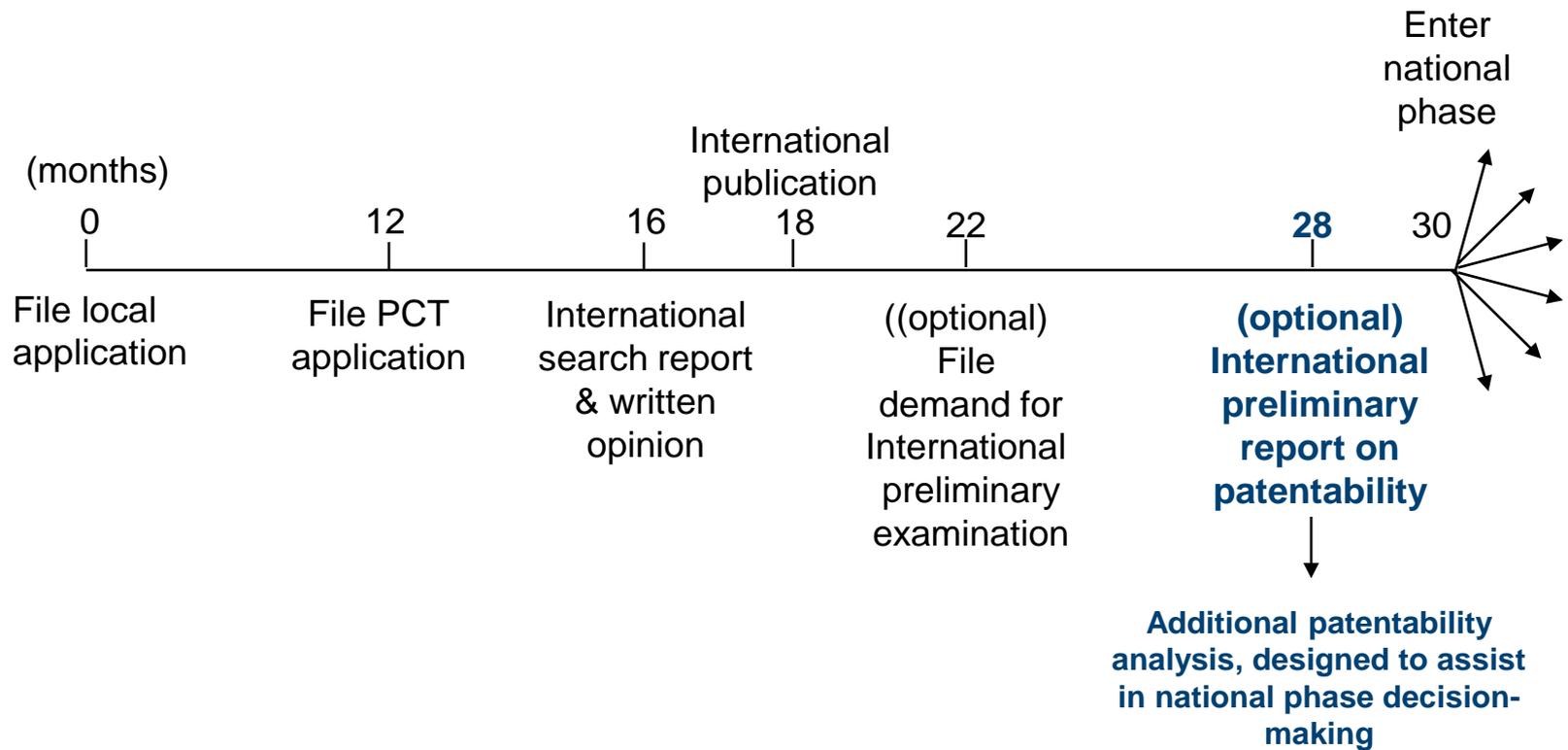


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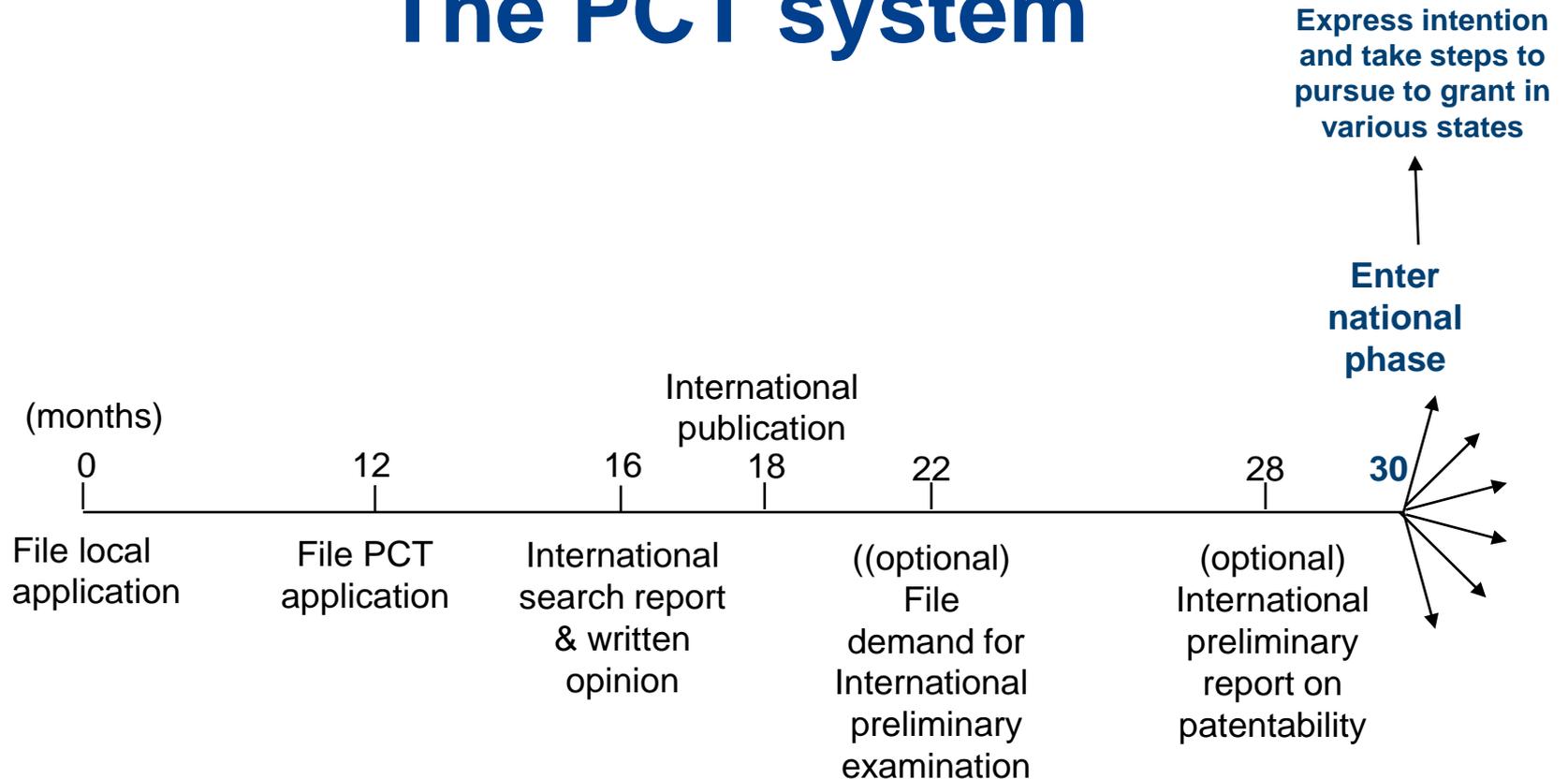
# The PCT system



# The PCT system



# The PCT system



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Recent  
accessions:

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Djibouti  
Cambodia



Albania  
Algeria  
Angola  
Antigua and Barbuda  
Armenia  
Australia  
Austria  
Azerbaijan  
Bahrain  
Barbados  
Belarus  
Belgium  
Belize  
Benin  
Bosnia and Herzegovina  
Botswana  
Brazil  
Brunei Darussalam  
Bulgaria  
Burkina Faso  
Cambodia  
Cameroon  
Canada  
Central African Republic  
Chad  
Chile  
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Congo

Costa Rica  
Côte d'Ivoire  
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Cuba  
Cyprus  
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Democratic People's  
Republic of Korea  
Denmark  
Djibouti  
Dominica  
Dominican Republic  
Ecuador  
Egypt  
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Equatorial Guinea  
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Grenada  
Guatemala  
Guinea

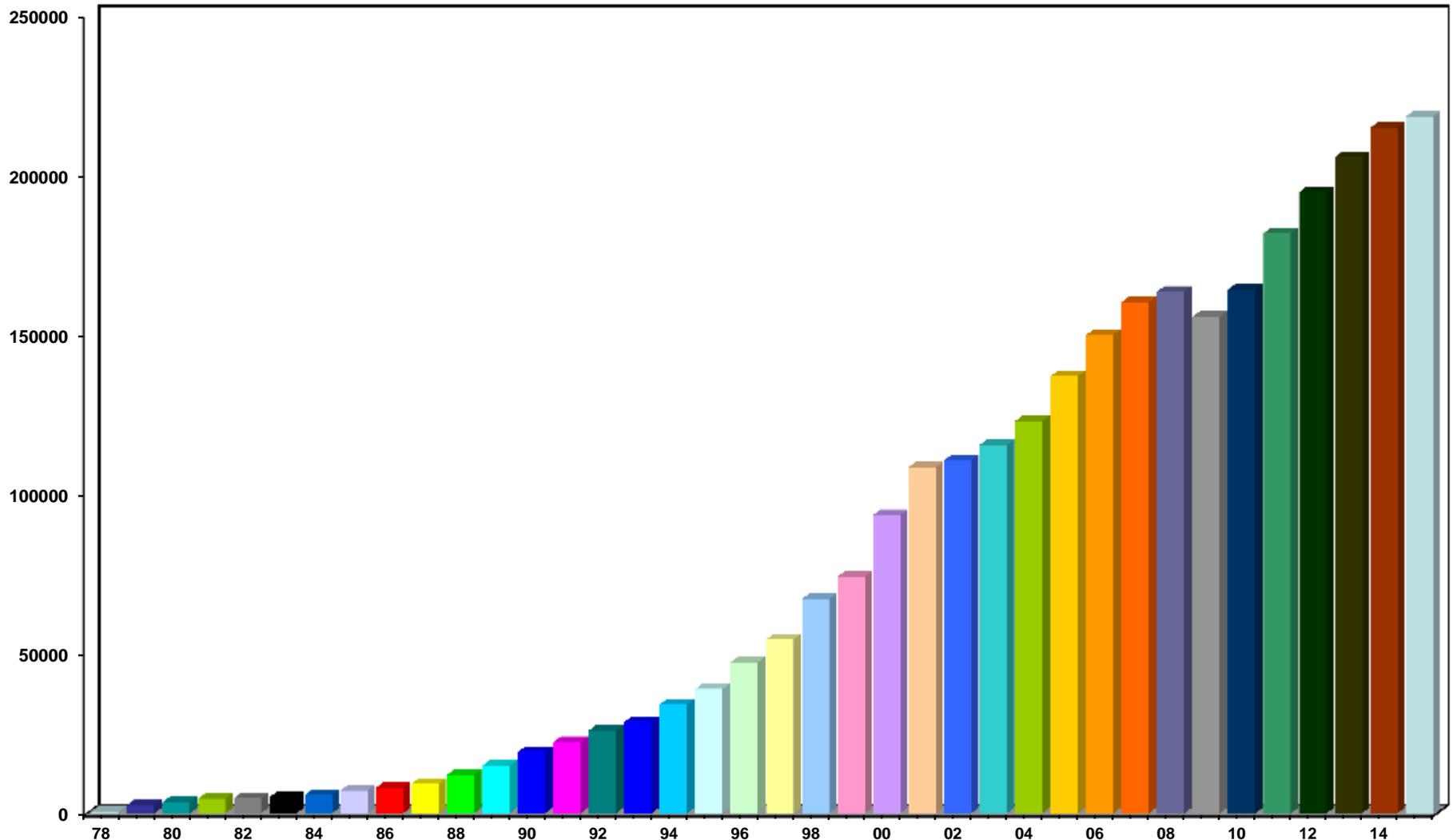
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Lao People's Dem Rep.  
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Republic of Korea  
Republic of Moldova  
Romania  
Rwanda  
Russian Federation  
Saint Lucia  
Saint Vincent and  
the Grenadines  
San Marino  
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Senegal  
Serbia  
Seychelles  
Sierra Leone  
Singapore  
Slovakia  
Slovenia  
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Spain  
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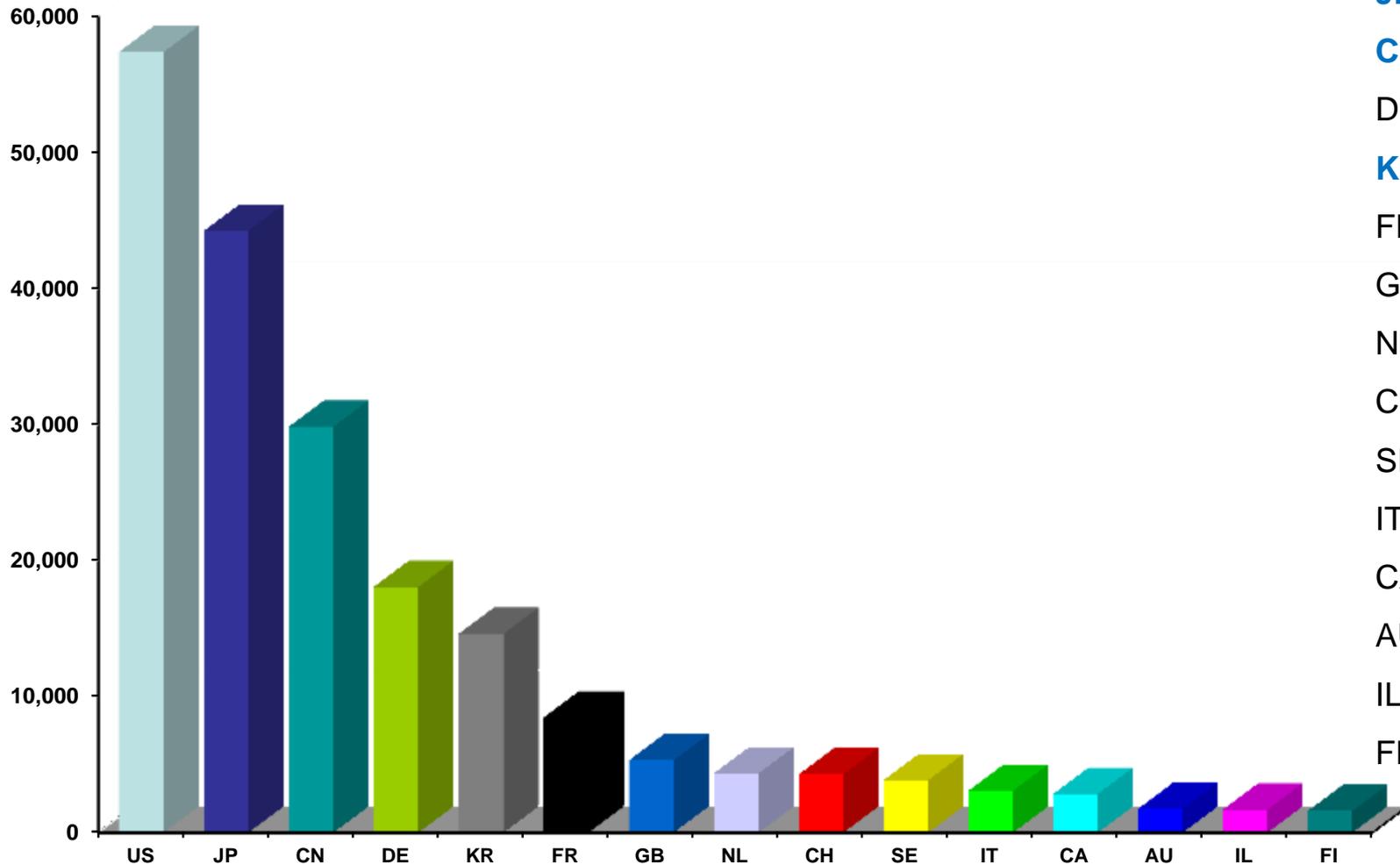
# PCT Applications



2015: 218,000 (+1.7%)

Forecast: +3.3% in 2016

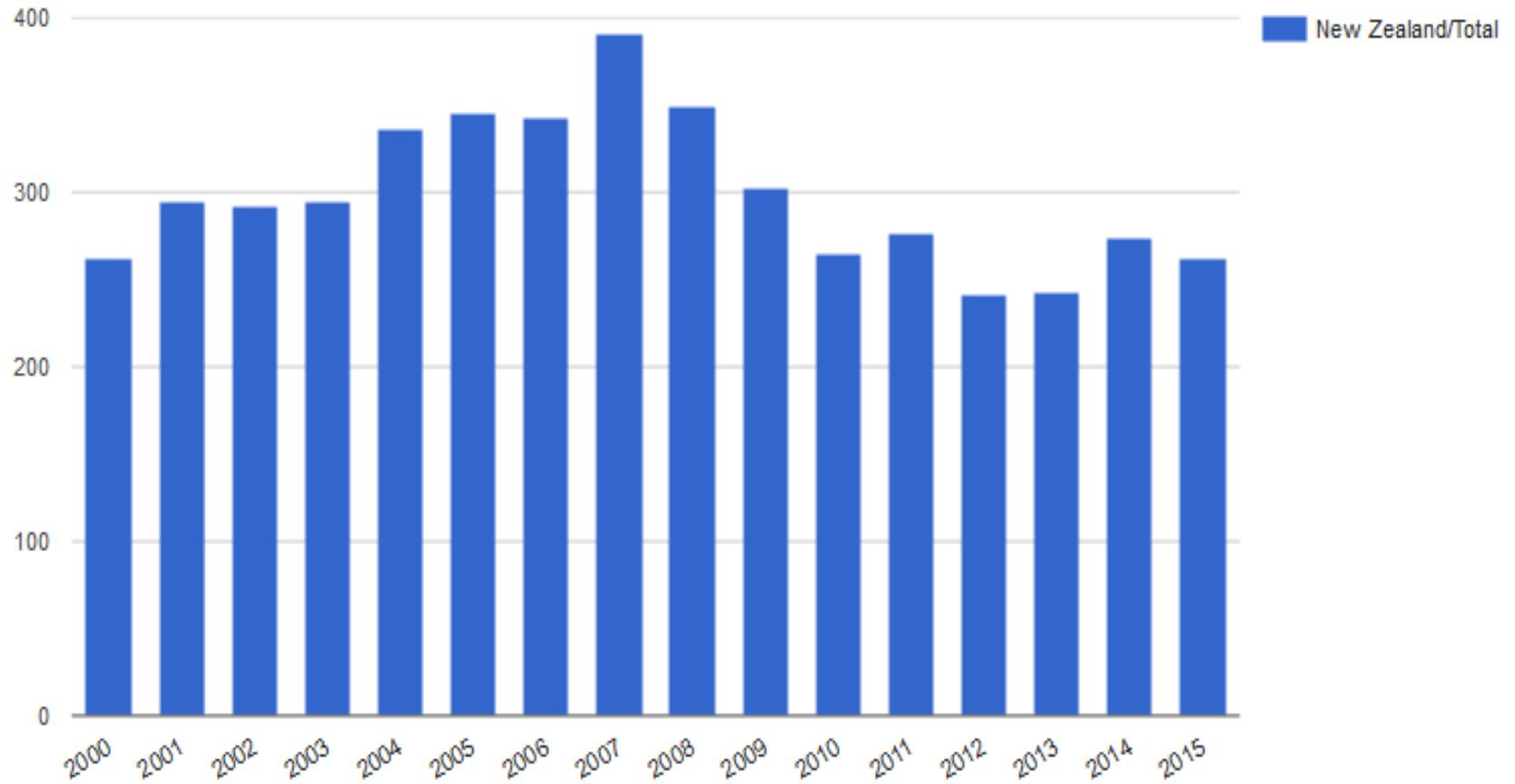
# Filings by country of origin



US: -6.7%  
JP: +4.4%  
CN: +16.8%  
DE: +0.5%  
KR: +11.5%  
FR: +2.6%  
GB: +0.8%  
NL: +3.6%  
CH: +4.4%  
SE: -1.4%  
IT: +0.8%  
CA: -7.2%  
AU: +1.7%  
IL: +7.4%  
FI: -12.1%

- 26+% originating in US
- 75% from top 5 countries; 92+% of filings from top 15 countries
- PCT applications filed by applicants from 132 countries
- Very close to having 80% of UN member countries in the PCT

# PCT use in NZ



- PCT Member since 1992
- **262** PCT applications filed by NZ applicants in 2015 with RO/NZ

# The PCT... and business

Most businesses worldwide which seek and use patents wish to:

- control costs while preserving options
- make informed business decisions
- use the best tools available when seeking protection

**The PCT responds to these objectives**

# PCT Advantages (1)

The PCT, as the cornerstone of the international patent system, provides a worldwide system for simplified filing and processing of patent applications, which—

1. postpones the major costs associated with internationalizing a patent application

# PCT Advantages (2)

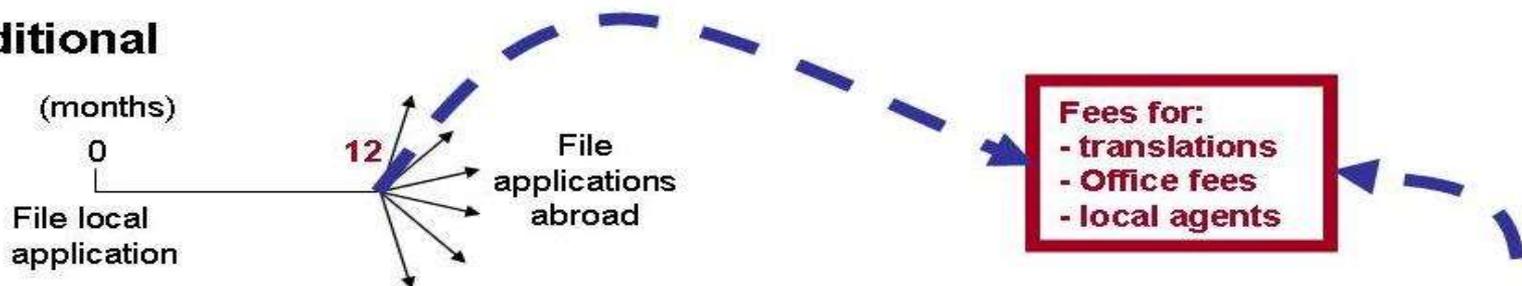
The PCT, as the cornerstone of the international patent system, provides a worldwide system for simplified filing and processing of patent applications, which—

1. postpones the major costs associated with internationalizing a patent application
2. provides a strong basis for patenting decisions

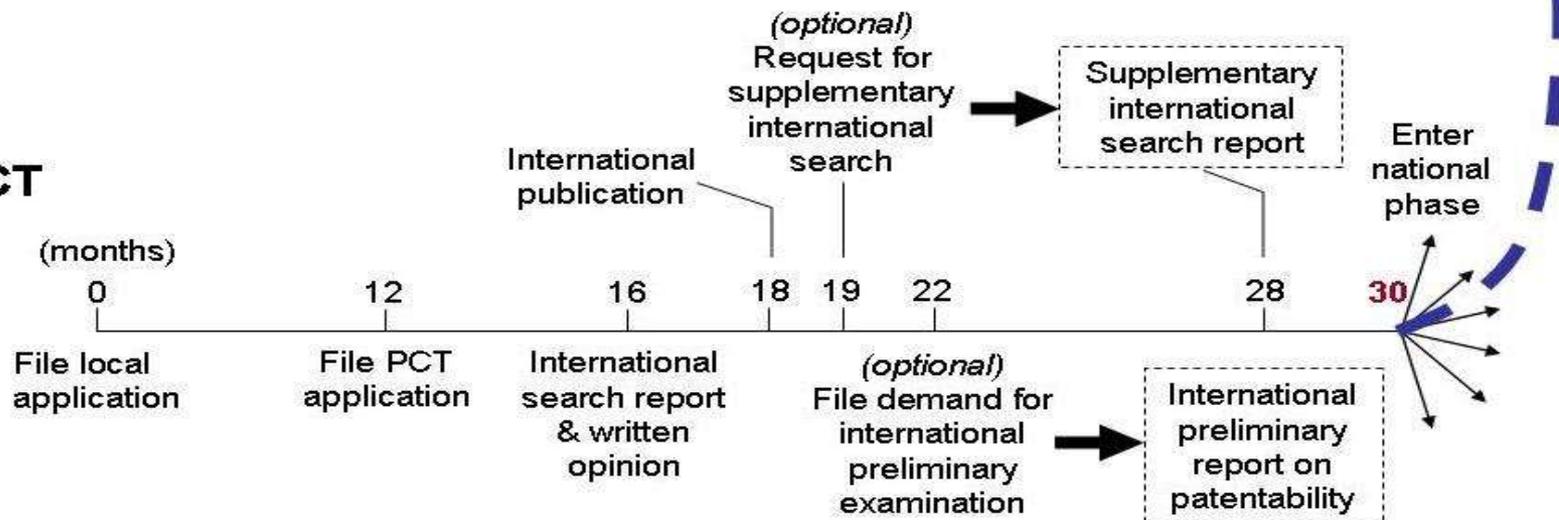
# So, why use the PCT?

## Traditional Patent System vs PCT System

### Traditional



### PCT



2.2.2

# PCT Advantages (3)

The PCT, as the cornerstone of the international patent system, provides a worldwide system for simplified filing and processing of patent applications, which—

1. postpones the major costs associated with internationalizing a patent application
2. provides a strong basis for patenting decisions
3. harmonizes formal requirements

# Harmonization of formal requirements

**PCT Article 27(1):** “No national law shall require compliance with requirements relating to the form or contents of the international application **different from or additional to** those which are provided for in this Treaty and Regulations.”

***PCT Applicant’s Guide*, paragraph 4.011:** “There is a prescribed form for the international application. This form must be accepted by all designated Offices for the purposes of the national phase, so that there is no need to comply with a great variety of widely differing formal requirements in the many countries in which protection may be sought.”

# PCT Advantages (4)

The PCT, as the cornerstone of the international patent system, provides a worldwide system for simplified filing and processing of patent applications, which—

1. postpones the major costs associated with internationalizing a patent application
2. provides a strong basis for patenting decisions
3. harmonizes formal requirements
4. protects applicant from certain inadvertent errors

# Protection from inadvertent errors

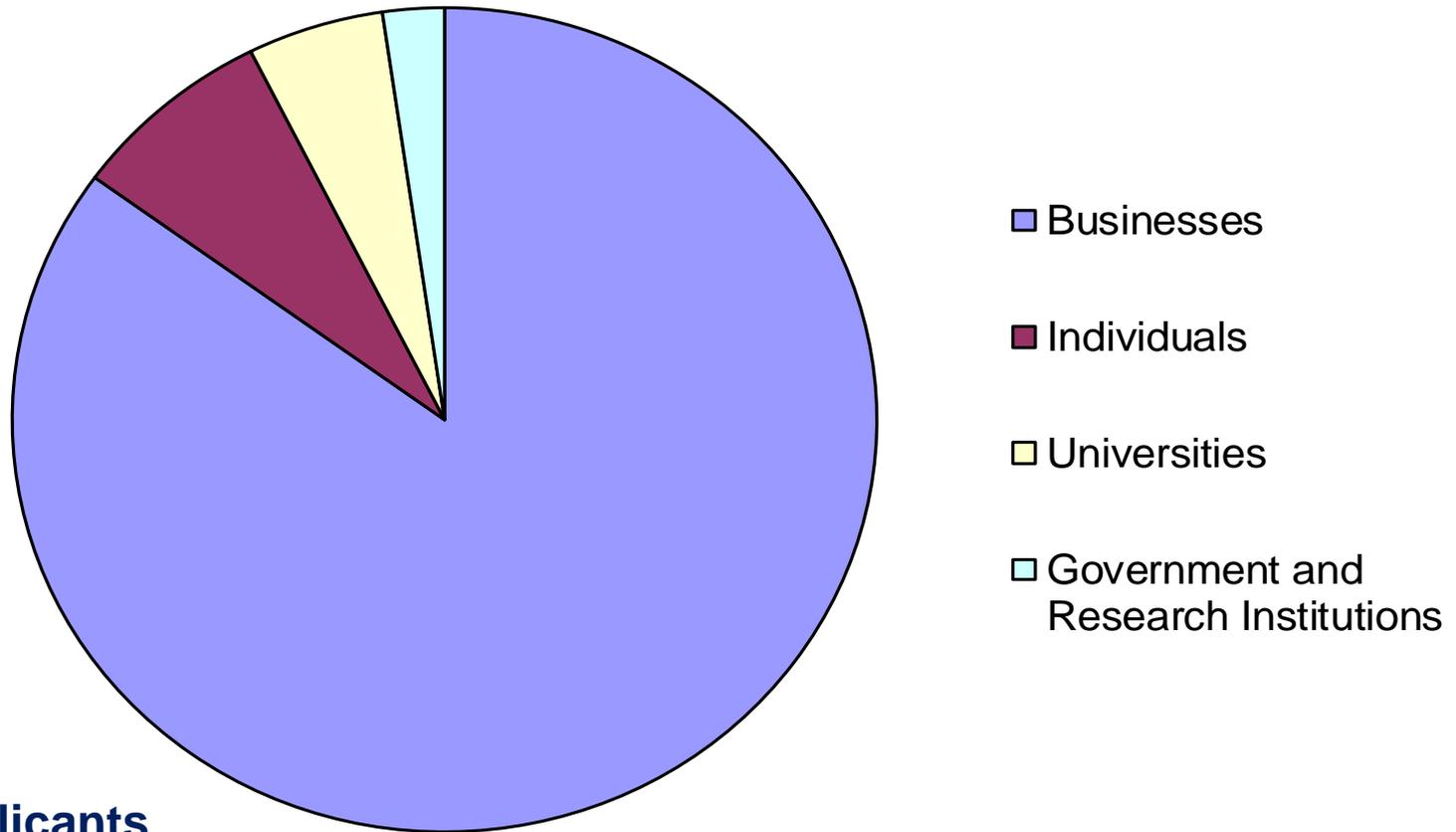
- invited corrections of defects & fee payments
- non-competent receiving Office
- double formality review
- restoration of the right of priority
- missing parts/incorporation by reference
- rectification of obvious mistakes
- excuse of national phase entry delay

# PCT Advantages (5)

The PCT, as the cornerstone of the international patent system, provides a worldwide system for simplified filing and processing of patent applications, which—

1. postpones the major costs associated with internationalizing a patent application
2. provides a strong basis for patenting decisions
3. harmonizes formal requirements
4. protects applicant from certain inadvertent errors
5. evolves to meet user needs
6. is used by the world's major corporations, universities and research institutions when they seek multinational patent protection

# Distribution of PCT Applicants in 2015



## Top Applicants

- **Businesses:** Huawei Technologies CN – 3,898 applications published
- **Universities:** University of California US – 361 applications published
- **Government and Research Institutions** – Commissariat à l'Énergie Atomique et aux Énergies Alternatives FR – 409 applications published

# Top PCT Applicants 2015\*

( ) of published  
PCT applications

1. Huawei Technologies—CN (3,898)\*\* +450
2. Qualcomm—US (2,442)
3. ZTE—CN (2,155)
4. Samsung—KR (1,683) +300, up from #11
5. Mitsubishi Electric—JP (1,593)
6. Ericsson—SE (1,481)
7. LG Electronics—KR (1,457) +320, up from #16
8. Sony—JP (1,381) +400, up from #21
9. Philips—NL (1,378)
10. Hewlett-Packard—US (1,310) +485, up from #25
11. Siemens—DE (1,292)
12. Intel—US (1,250)
13. Bosch—DE (1,247)
14. Boe Technology—CN (1,227)
15. Toyota—JP (1,214)
16. Panasonic—JP (1,185)
17. Hitachi—JP (1,165)
18. Halliburton—US (1,121)
19. Sharp—JP (1,073)
20. Tencent Technology—CN (981)

20% of PCT  
applicants were  
responsible for more  
than 80% of the  
published applications

\*48,539 total PCT  
applicants in 2015

\*\*more than 15  
per WIPO working  
day

2015:  
85% businesses  
8% individuals  
5% universities  
2% government and  
research institutions

# Top University PCT Applicants 2015

1. University of California (US)
2. MIT (US)
3. Johns Hopkins (US)
4. University of Texas (US)
5. Harvard University (US)
6. University of Michigan (US)
7. University of Florida (US)
8. Tsinghua University (CN)
9. University of Tokyo (JP)
10. Stanford University (US)
11. Seoul National University (KR)
12. Peking University (CN)
13. Columbia University (US)
14. Isis Innovation Limited (GB)
15. Cornell University (US)
16. University of Pennsylvania (US)
17. Kyoto University (JP)
18. Korea University (KR)
19. CalTech (US)
20. Danemarks Tekniske Universitet (DK)

# Top PCT NZ Applicants 2015

| <b>Applicant</b>                   | <b>Publication</b> | <b>Rank</b> |
|------------------------------------|--------------------|-------------|
| FISHER & PAYKEL HEALTHCARE LIMITED | 51                 | 431         |
| AUCKLAND UNISERVICES LIMITED       | 14                 | 1466        |
| LANZATECH NEW ZEALAND LIMITED      | 12                 | 1688        |
| POWERBYPROXI LIMITED               | 11                 | 1826        |
| VICTORIA LINK LIMITED              | 11                 | 1826        |
| CROWN EQUIPMENT LIMITED            | 7                  | 2702        |
| WARATAH NZ LIMITED                 | 7                  | 2702        |
| COMPAC TECHNOLOGIES LIMITED        | 5                  | 3595        |
| NINE IP LIMITED                    | 5                  | 3595        |
| SNPSHOT TRUSTEE LIMITED            | 5                  | 3595        |

# PCT Testimonial: Inventor

Professor Shuji Nakamura—co-winner of the 2014 Nobel Prize for Physics for his work on blue LED technology—is quoted in a December 2014 *WIPO Magazine* article:



***“... The PCT is critical for these early stage technologies because it gives us the opportunity to protect our patents globally while allowing the market and the technology to mature further before determining which countries might be most valuable to commercial partners.”***

# PCT Advantages (6)

The PCT, as the cornerstone of the international patent system, provides a worldwide system for simplified filing and processing of patent applications, which—

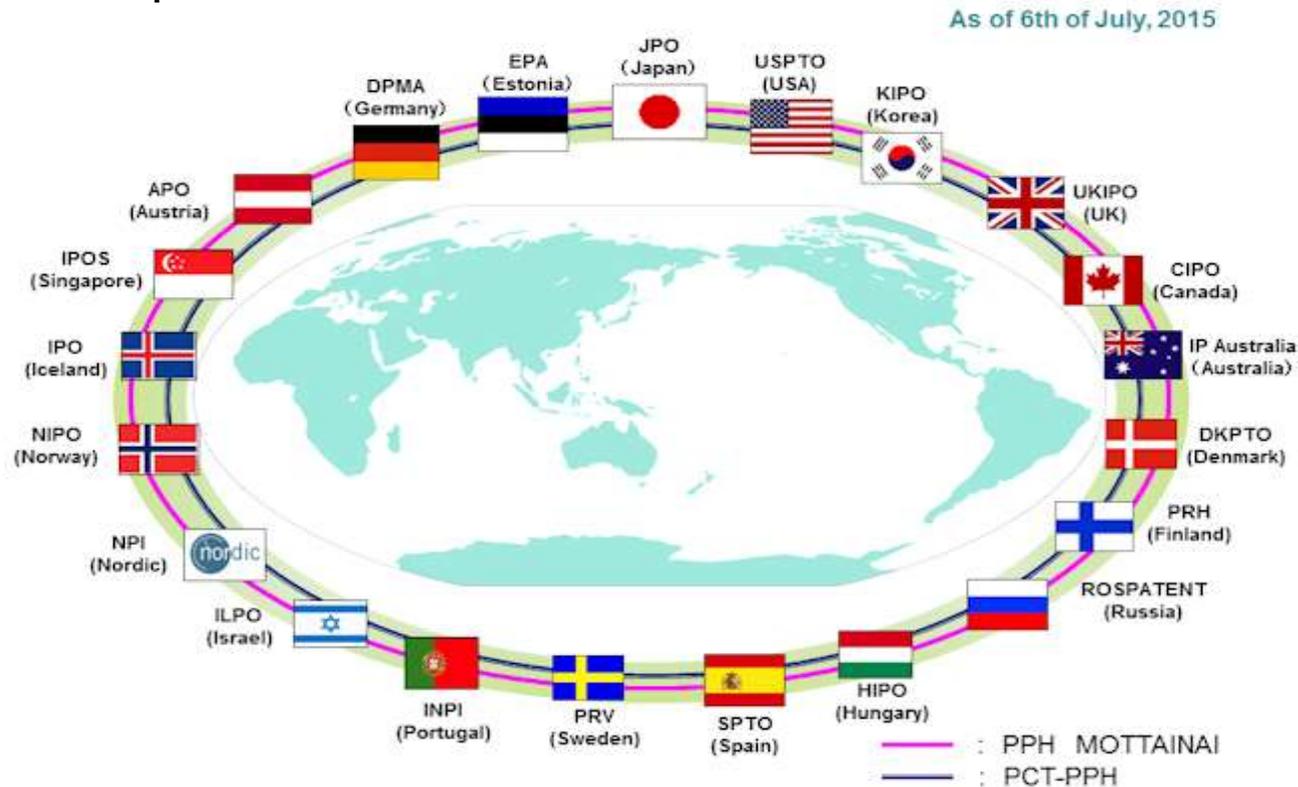
1. postpones the major costs associated with internationalizing a patent application
2. provides a strong basis for patenting decisions
3. harmonizes formal requirements
4. protects applicant from certain inadvertent errors
5. evolves to meet user needs
6. is used by the world's major corporations, universities and research institutions when they seek multinational patent protection
7. can result (if PCT reports are positive) in accelerated national phase processing (PCT-PPH)

# Patent Prosecution Highway (PPH) and PCT

- Accelerated examination in the national phase based on a positive work product of an International Authority (written opinion of the ISA or the IPEA, IPRP (Chapter I or II))
- Conditions:
  - At least one claim has been determined by the ISA or the IPEA to meet the PCT criteria of novelty, inventive step and industrial applicability; and
  - ALL the claims must sufficiently correspond to the claims deemed to meet the PCT criteria (they are of the same or similar scope or they are of narrower scope than the claims in the PCT application)
- Global PPH and PCT:
  - Introduction of Global PPH Pilot in January 2014
  - Single set of qualifying requirements that simplifies the existing PPH network so that it is more accessible for users

# Work-Sharing under the PCT

- Patent Prosecution Highway (PPH)
- 112 PCT-PPH pathways for applicants to obtain fast track examination procedure



As of 1st of July 2016



\*: GPPH-participating offices

# What's next?

- ePCT
- PATENTSCOPE
- WIPO Pearl
- Licensing Availability
- Third Party Observations
- PCT Training Options

# ePCT – a paperless environment

- WIPO online portal that provides e-Services for both applicants and Offices
- User interface available in all (10) PCT publication languages
- Provides secure and direct electronic access to/interaction with International Bureau's PCT application files by applicants/agents
- 30'000 users (5'000 very active in Private Services) in over 100 countries (e.g. US, CA, AU, TR, IN, SE, FI and BR), 67 offices
- **ePCT-Filing:** -based electronic filing of new PCT applications
  - 42 ROs accepting ePCT Filings
- More information: <https://pct.wipo.int/ePCT>

# ePCT – Big Picture



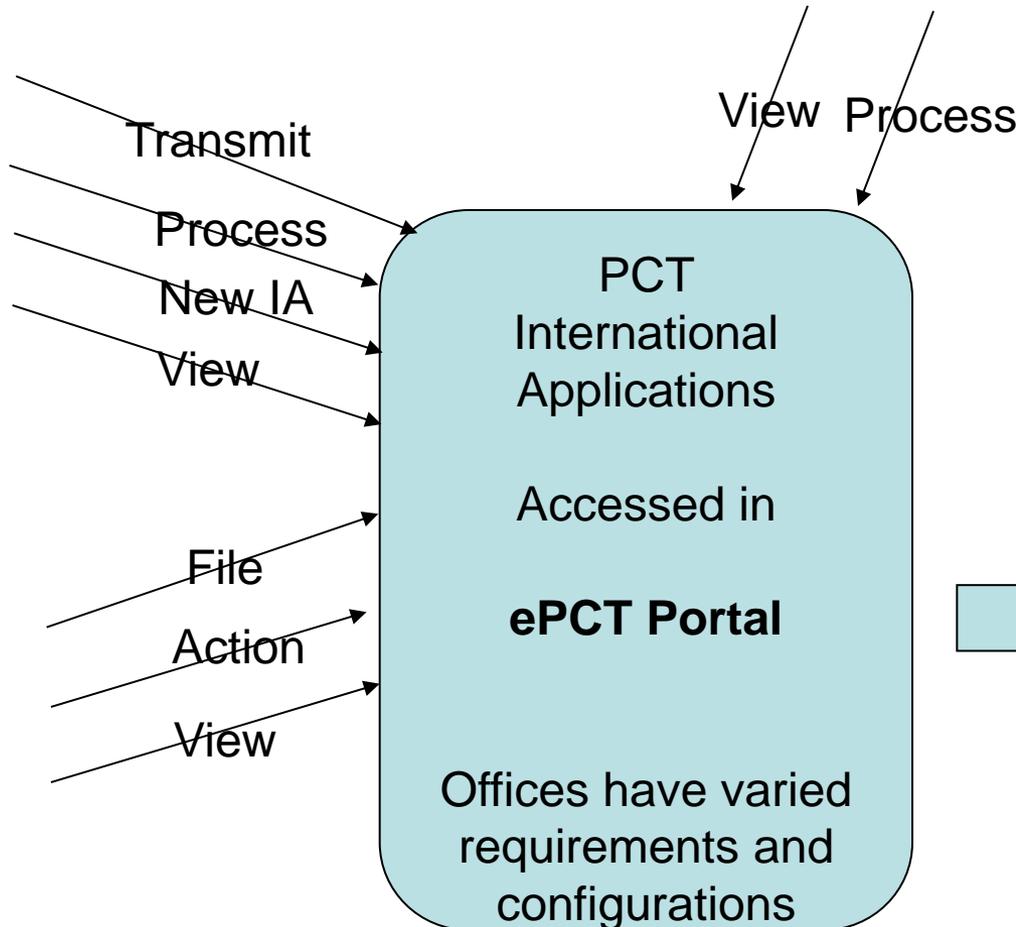
IB/ISA Officer



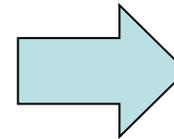
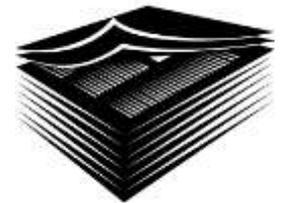
RO Officer



Applicant



Published IAs for National Phase entry



# PATENTSCOPE



## PATENTSCOPE

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Home > IP Services > PATENTSCOPE

### Simple Search

Using PATENTSCOPE you can search 57 million patent documents including 2.9 million published international patent applications (PCT). Detailed coverage information can be found here ([->](#))

Front Page



Office: All

PCT Publication 22/2016 (2016/06/02) is now available. The next publication date is scheduled as follows: Gazette number 23/2016 (2016/06/09). [More](#)

<https://patentscope.wipo.int>

# National/regional collections

## VS

# national phase

### Offices for which PCT national phase information is available in PATENTSCOPE Search Service

Where information is displayed for an office, this indicates that the applicant has requested national phase processing for the application concerned in that office. The national entry date and national reference number are supplied by the national office concerned and can be used to retrieve further details from that office, if desired. The information is updated at different frequencies, depending on the office. Therefore, absence of information for a given office does not necessarily indicate a non-entry in that office. The information displayed on the National Phase Tab is based on data supplied to WIPO by the following national patent offices:

Updated: September 19, 2015

<https://patentscope.wipo.int/search/en/nationalphase.jsf>

| United  |                   |                   |         |
|---|-------------------|-------------------|---------|
| African Regional Intellectual Property Organization | April 30, 1998    | August 6, 2008    | 1,076   |
| Austria   | November 28, 1980 | November 30, 2011 | 3,178   |
| Australia   | December 5, 1997  | October 30, 2015  | 287,698 |
| Bulgaria  | January 6, 2004   | December 19, 2007 | 241     |
| Belarus   | February 7, 2007  | June 15, 2007     | 31      |
| Belize  | November 13, 2002 | February 9, 2007  | 103     |
| Canada  | January 23, 1992  | May 25, 2015      | 503,006 |
| Switzerland   | July 8, 2008      | October 2, 2015   | 414     |
| China   | July 4, 1995      | December 20, 2012 | 595,797 |
| Cuba  | November 3, 2009  | June 24, 2011     | 287     |
| Czech Republic                                      | November 9, 1990  | November 18, 2014 | 27,913  |
| Germany   | November 20, 1980 | April 29, 2011    | 108,126 |

# WIPO Pearl



## PATENTSCOPE

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Search International and National Patent Collections

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WIPO Translate

WIPO Pearl

Simple Search

Using PATENTSCOPE you can search 57 million patent documents including 2.9 million published international patent applications (PCT). Detailed coverage information can be found here (->)

Front Page

electrical bicycle

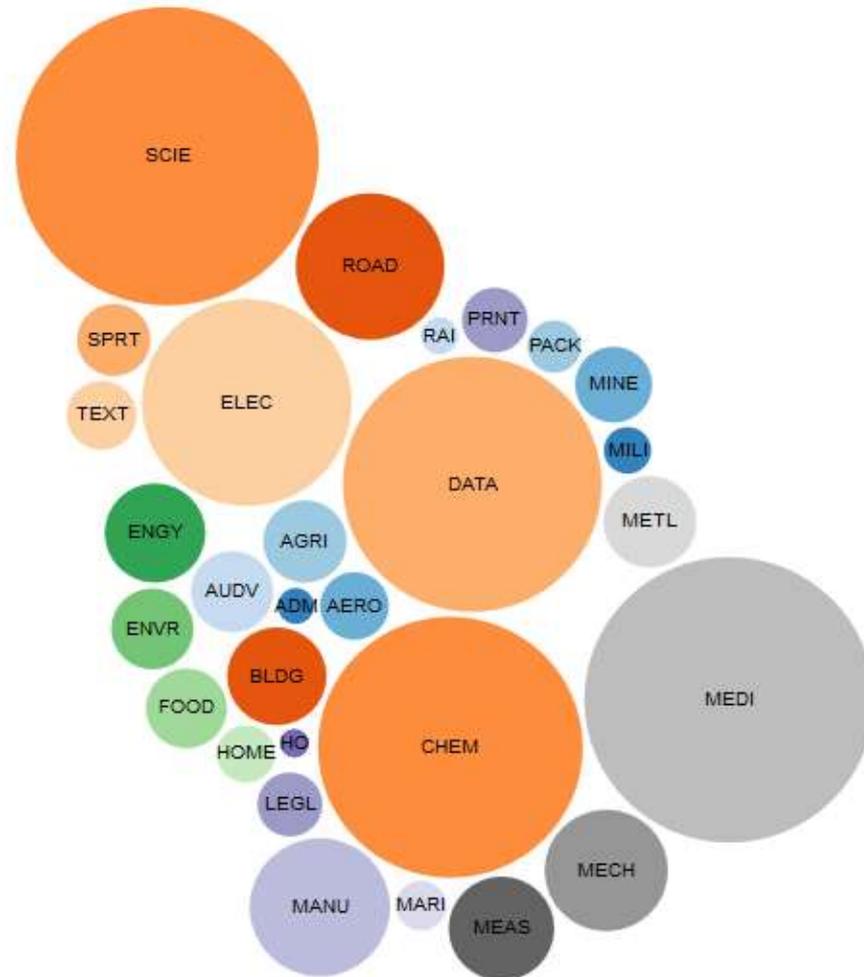
Office: All

Search

PCT Publication 25/2016 (2016/06/23) is now available. The next publication date is scheduled as follows: Gazette number 26/2016 (2016/06/30). [More](#)

# WIPO Pearl

<http://www.wipo.int/wipopearl/search/home.html>



# WIPO Pearl

- WIPO's online terminology database
- 17'000 concepts, 115'000 terms
- 10 languages
- Contents validated by WIPO language experts and terminologists

# Indication of availability for license

- PCT applicants can indicate in relation to their published applications that the invention is available for license
  - How? Applicants may submit a “licensing request” (see PCT Form [PCT/IB/382](#)) directly to the IB
  - When? At the time of filing or within 30 months from the priority date
  - Free of charge
  - Applicants can file multiple licensing requests or update previously submitted ones (within 30 months from the priority date); such requests may be revoked by the applicant at any time, that is, also after 30 months from the priority date
- Submitted licensing indications made publicly available after international publication of the application on PATENTSCOPE under “*Bibliographic data*” tab with a link to the submitted licensing request itself
- International applications containing such licensing indication requests can be searched in PATENTSCOPE
- Most use thus far from universities/research institutions

# Interface : Field Combination - Structured

Field Combination 

|     |                         |           |   |   |
|-----|-------------------------|-----------|---|---|
|     | Front Page              | =         | <input type="text"/>  |  |
| AND | WIPO Publication Number | =         | <input type="text"/>  |  |
| AND | Application Number      | =         | <input type="text"/>  |  |
| AND | Publication Date        | =         | <input type="text"/>  |  |
| AND | English Title           | =         | <input type="text"/>  |  |
| AND | English Abstract        | =         | <input type="text"/>  |  |
| AND | Applicant Name          | =         | <input type="text"/>  |  |
| AND | International Class     | =         | <input type="text"/>  |  |
| AND | Inventor Name           | =         | <input type="text"/>  |  |
| AND | Office Code             | =         | <input type="text"/>  |  |
| AND | English Description     | =         | <input type="text"/>  |  |
| AND | English Claims          | =         | <input type="text"/>  |  |
| AND | Licensing availability  | =         | <input type="checkbox"/>  |   |
| AND | Inventor Name           | Is Empty: | <input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No |   |

Language: English  Stem:  Office: All [Specify](#)

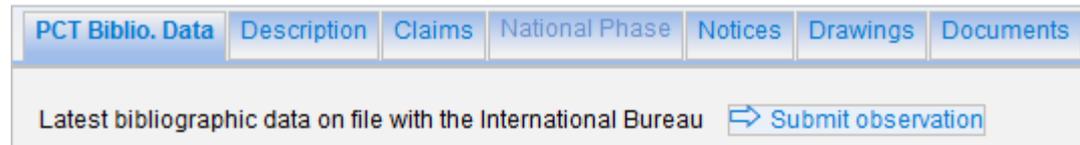
0 results

[\(+\)](#) Add another search field | [\(-\)](#) Reset search fields [Tooltip Help](#)

Additional search fields can be selected

# Third Party Observations

- Allows third parties to submit prior art observations relevant to novelty and inventive step as to published PCT applications
  - Goal: Improve patent quality--give national offices (and PCT Authorities) better/more complete information on which to base their decisions
- Web-based system using in PATENTSCOPE or via ePCT public services
- Free-of-charge
- Submissions possible until the expiration of 28 months from the priority date
- Applicants may submit comments in response to submitted observations until the expiration of 30 months from the priority date
- Anonymous submission of third party observations possible



# Third Party Observations

- The Third Party Observation system enables applicants and third parties to submit observations for use by examining Offices
- Accessible through PatentScope

The screenshot shows the WIPO PatentScope interface for patent WO/2014/147532. The top navigation bar includes 'Search', 'Browse', 'Translate', 'Options', 'News', 'Login', and 'Help'. The breadcrumb trail is 'Home > IP Services > PATENTSCOPE'. The patent title is '1. (WO2014147532) SKIN TREATMENT APPARATUS'. Below the title, there are tabs for 'PCT Biblio. Data', 'Description', 'Claims', 'National Phase', 'Notices', 'Drawings', and 'Documents'. A red circle highlights the 'Submit observation' button, which is located next to the text 'Latest bibliographic data on file with the International Bureau'. Below this, the publication details are listed: 'Pub. No.: WO/2014/147532', 'International Application No.: PCT/IB2014/059775', 'Publication Date: 25.09.2014', and 'International Filing Date: 14.03.2014'. The IPC classification is 'A61B 18/20 (2006.01), A61B 18/00 (2006.01)'.

- Accessible through ePCT

# PCT Training Options

- 29 PCT training videos on [WIPO's Youtube channel](#) and WIPO's PCT page
- PCT [distance learning course](#) content available in the 10 PCT publication languages
- PCT [webinars](#)
  - providing free updates on developments in PCT procedures, and PCT strategies—previous webinars are archived and freely available
  - upon request also for companies or law firms, for example, for focused training on how to use ePCT
- In-person PCT [seminars](#) and training sessions
- Advanced PCT Seminar on WIPO premises (each Fall)

# PCT Resources/Information

For further information about the PCT, see

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

For general questions about the PCT, contact the PCT Information Service at:

Telephone: (+41-22) 338 83 38

Facsimile: (+41-22) 338 83 39

E-mail: [pct.infoline@wipo.int](mailto:pct.infoline@wipo.int)



***Thank you!***

Anjali Aeri  
Program Officer  
PCT International Cooperation Division  
+ 41 22 338 70 66  
[anjali.aeri@wipo.int](mailto:anjali.aeri@wipo.int)



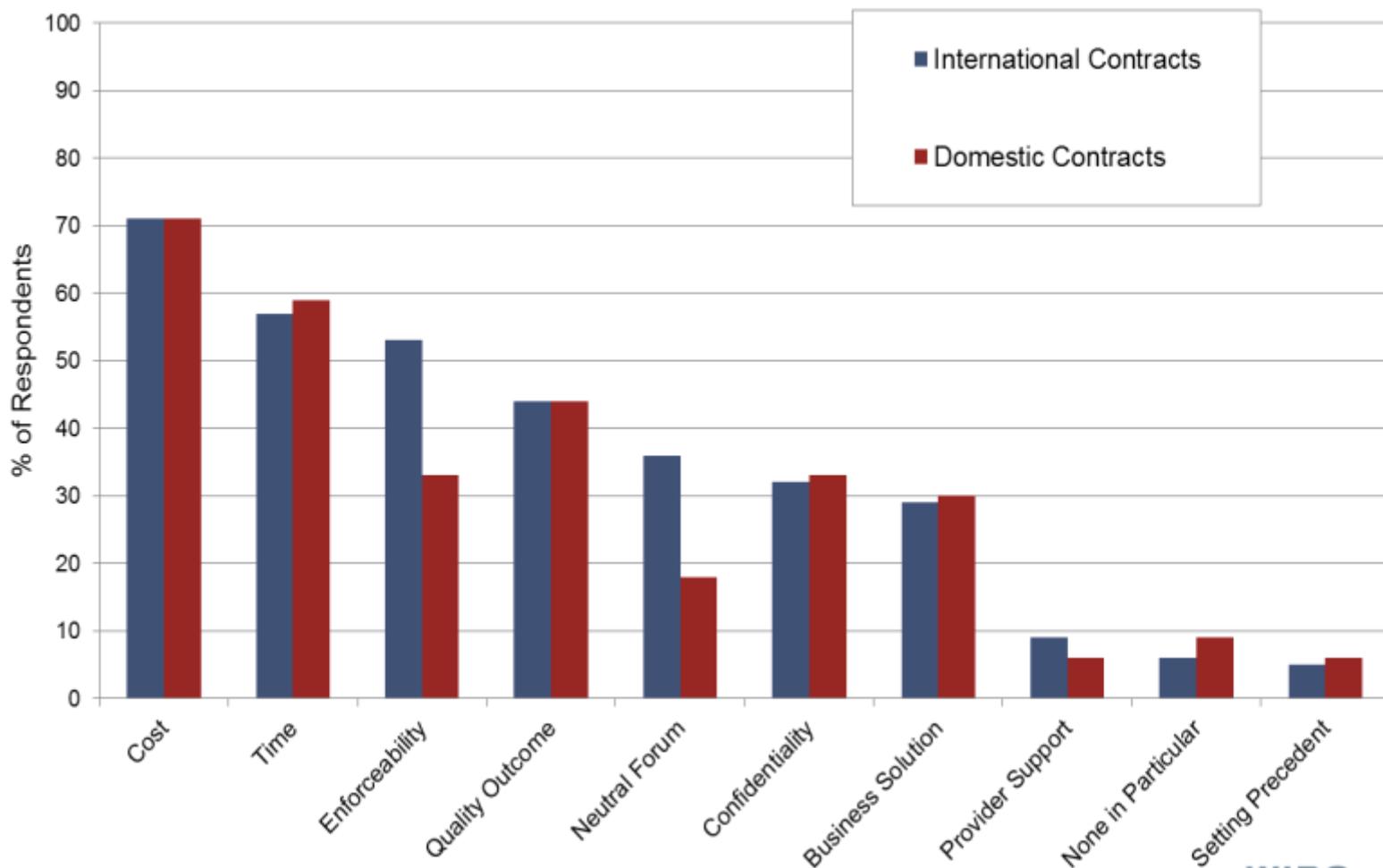
# Resolving IP Disputes outside the Courts through WIPO ADR



Speaker : Victor Vázquez López, Head, Section for  
Coordination of Developed Countries

**Auckland, New Zealand**  
**13 March 2017**

# Top Ten Priorities in Parties' Choice of Dispute Resolution Clause



# WIPO Arbitration and Mediation Center

- Helps parties resolve IP and technology disputes outside the courts (alternative dispute resolution: ADR)
  - Mediation
  - Arbitration; Expedited arbitration
  - Expert determination
  - Domain name dispute resolution
- WIPO mediators, arbitrators and experts experienced in IP and technology
  - Delivering informed results efficiently
- WIPO Rules tailored to IP and technology disputes
- Competitive fees
- International neutrality

# WIPO ADR – Areas of Dispute

## Trademarks

Coexistence  
Infringements  
Licenses  
Oppositions  
Revocations

## Patents

Cross-licensing  
Infringements  
Licenses  
Ownership  
Patent Pools  
R&D / Tech Transfer  
Royalty Payment

## Copyright

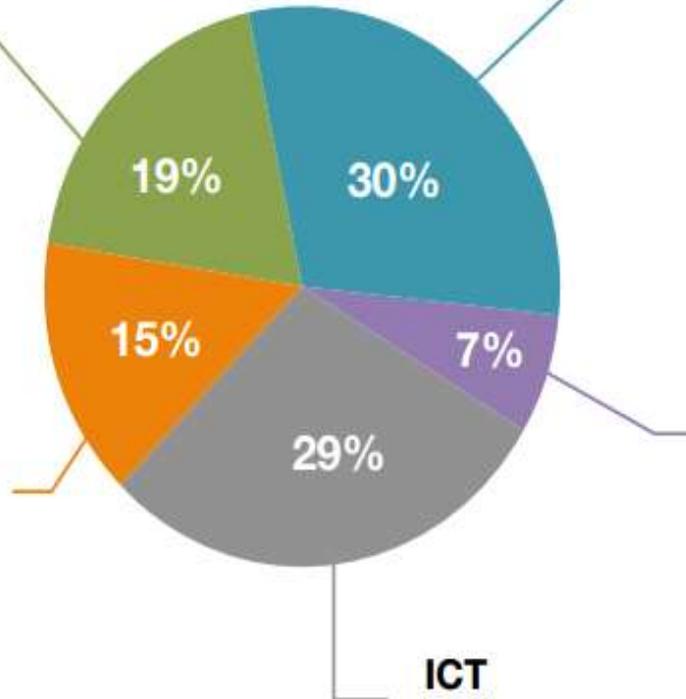
Art  
Broadcasting  
Entertainment  
Film and Media  
Infringements  
TV Formats

## Commercial

Distribution  
Energy  
Franchising  
Marketing  
Sports

## ICT

Mobile Apps  
Outsourcing  
Systems Integration  
Software Development  
Software Licensing  
Telecommunications



# WIPO ADR

- WIPO case administration prioritizes time and costs
- Domestic and international disputes (25/75%)
- Location of case decided by parties
- 1,500+ mediators and arbitrators, globally, for appointment
- Amounts in dispute from USD 20,000 to USD 1 billion
- Enforceable arbitration awards (New York Convention)
- Confidential

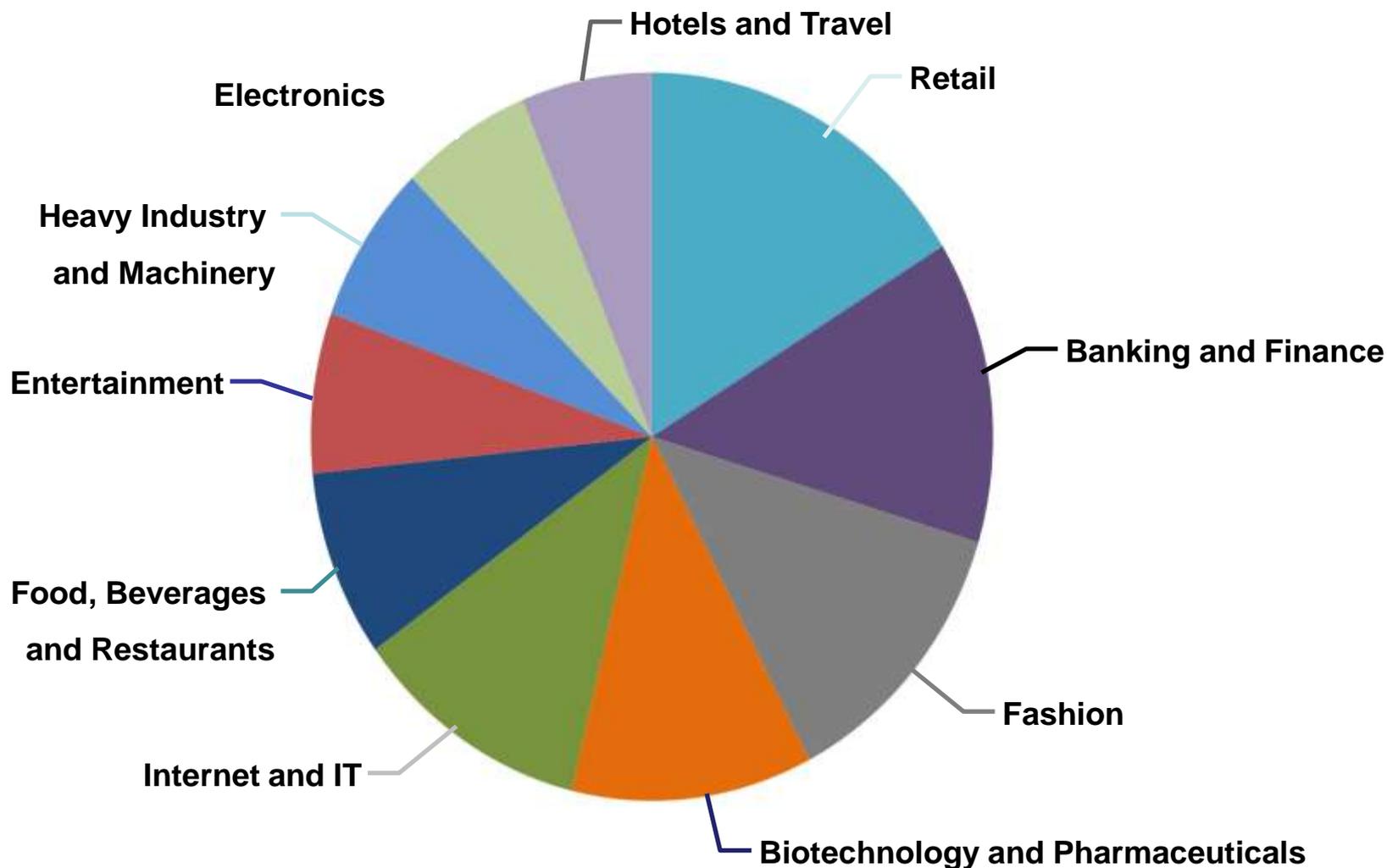
# WIPO Services for Trademark Owners Against Cybersquatting

- 1999: WIPO-created international administrative ADR procedure; Uniform Domain Name Dispute Resolution Policy (UDRP)
- Allows trademark owners to resolve “clear cut” cases of abusive domain name registration and use (“cybersquatting”)
- Significantly quicker and cheaper than court litigation
  - Two-month average
  - Fixed fees (USD 1,500)
  - Paperless filing

# WIPO Services for Trademark Owners Against Cybersquatting continued

- 16 years' experience: 36,000 WIPO cases covering 66,000 domain names
  - Parties from 177 countries
  - Multilingual case administration
- Key online resources for parties
  - WIPO Jurisprudential Overview of Selected UDRP Questions
  - WIPO Legal Index of UDRP Decisions

# WIPO Domain Name Cases – Top 10 Areas of Complainant Activity



# WIPO Mediation Example: IT Dispute

- 2012 European airline agreement with a US software company re. development of worldwide platform for the management of ticket sales
- 2013 professional services agreement: detailed description of the project as well as the support services to be delivered by the software company
- WIPO mediation followed by WIPO expedited arbitration clause
- Airline paid several million USD for the application
- 2015 airline terminated the agreement
- Software company requested that the software be returned
- Airline initiated mediation
- Result: new license

# Further Information on WIPO ADR Services

- Queries and case filing:  
[arbiter.mail@wipo.int](mailto:arbiter.mail@wipo.int)
- WIPO Rules, neutrals and case examples:  
[www.wipo.int/amc/](http://www.wipo.int/amc/)
  - Model clauses:  
[www.wipo.int/amc/en/clauses/](http://www.wipo.int/amc/en/clauses/)
- WIPO Domain Name Dispute Resolution:  
[www.wipo.int/amc/en/domains/](http://www.wipo.int/amc/en/domains/)
- Subscribe: WIPO ADR Highlights Newsletter  
[www.wipo.int/newsletters-archive/en/adr\\_highlights.html](http://www.wipo.int/newsletters-archive/en/adr_highlights.html)



# International Registration System of Marks, Madrid – Management and Maintenance of the International Registration



Matthew Forno

Senior Counsellor, Information and Promotion Division, Madrid Registry

**Auckland, New Zealand  
13 March 2017**

# Protection Options

- The national route - file trademark application/s with the IP Office of each country in which you want protection
- The regional route - apply through a regional trademark registration system with effect in all member states (ARIPO, Benelux Office for IP, EUIPO and OAPI)
- The international route - file through the Madrid System

# The International Route

The Madrid System may be preferred when you:

- Seek protection in multiple markets, particularly if these are in different regions
- Want flexibility to add new markets as your export plans develop
- Have limited budget and/or time to spend on registration and management of your trademarks

# The Madrid System is Convenient

- Access a centralized filing and management procedure
- File one application, in one language and pay one set of fees for protection in multiple markets
- Expand protection to new markets as your business strategy evolves

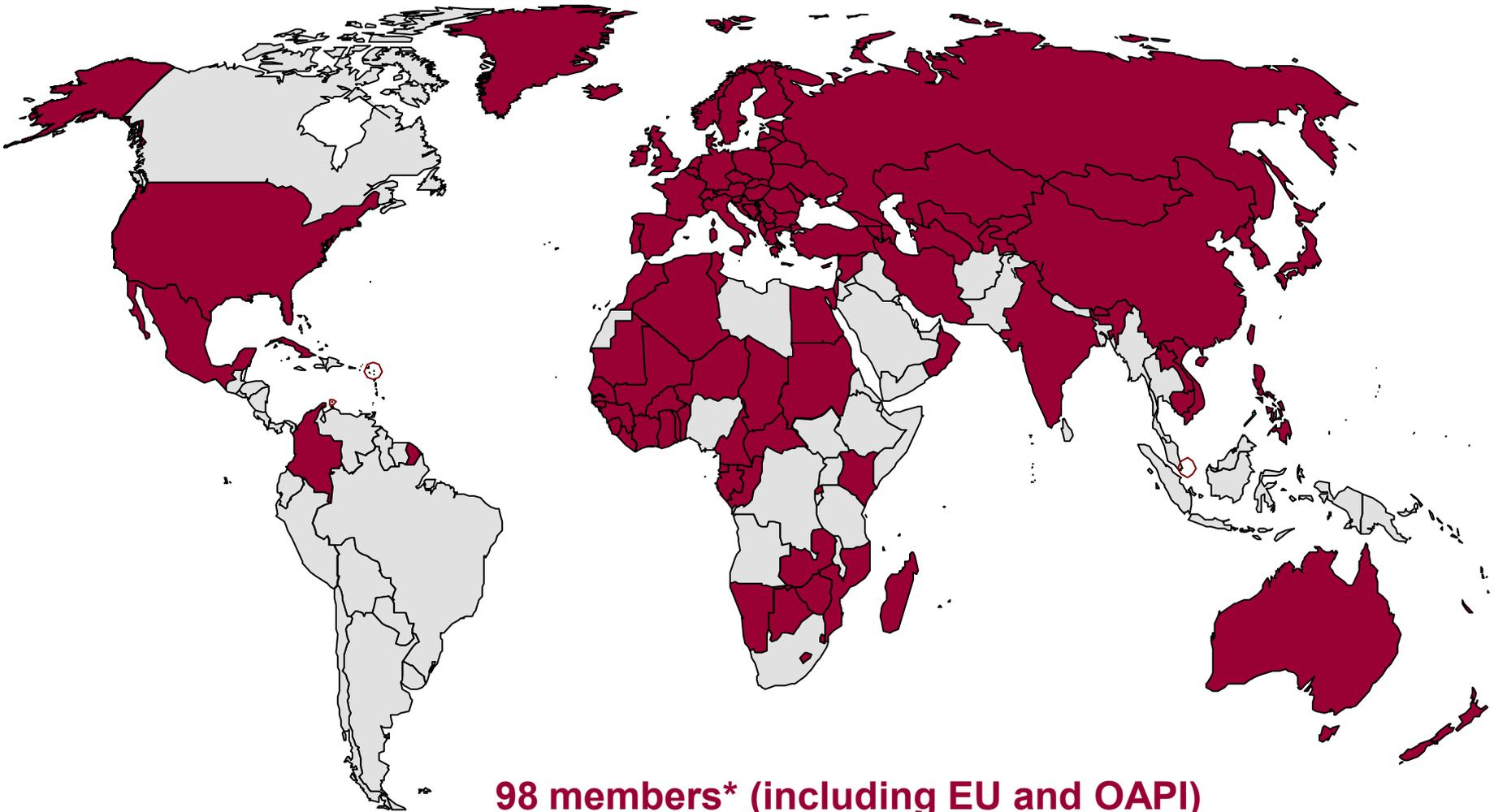
# The Madrid System is Cost-effective

- File an international application, which is the equivalent of a bundle of national applications, effectively saving time and money
- Avoid paying for translations into multiple languages or working through the administrative procedures of multiple IP Offices

# The Madrid System Offers Broad Geographic Coverage

- Currently: 114 countries covered by the 98 members
- Markets that represent more than 80% of world trade
- Recent accessions include:
  - 2013: India, Rwanda and Tunisia
  - 2014: OAPI and Zimbabwe
  - 2015: Algeria, Cambodia, The Gambia and  
Lao People's Democratic Republic
  - 2016: Brunei Darussalam

# Members of the Madrid System



**98 members\* (including EU and OAPI)  
covering 114 countries**

\*All are party to the Protocol, the governing treaty, while 55 are also party to the Agreement

# Accession Outlook - 2017/19

## ■ Africa

- Malawi
- Mauritius
- South Africa

## ■ Arab Countries

- Jordan
- Saudi Arabia

## ■ Asian

- Indonesia
- Malaysia
- Sri Lanka
- Thailand

## ■ Latin America & the Caribbean

- Brazil
- El Salvador
- Trinidad and Tobago

## ■ North America

- Canada

# How the Madrid System Works

## The International Trademark Registration Process



# Stage 1

Application through your Office of origin

- To be entitled to use the Madrid System, you must:
  - Have a real and effective industrial or commercial establishment in, or
  - Be domiciled in, or
  - Be a national of a member of the Madrid System
- Before filing an international application, you need to have registered or filed an application (**basic mark**) in your Office of origin
- Submit an **international application** through this same IP Office, which will certify and forward it to WIPO

# Stage 2

## Formal examination by WIPO

- WIPO conducts a **formalities examination**
- Once requirements have been met, the mark is **recorded in the International Register**
- WIPO sends a **certificate of international registration** to the holder and notifies the IP Offices, of the **designated Contracting Parties**, in which protection is sought
- The scope of protection is not known at this stage. It is only determined **after substantive examination** and decision by the IP Offices, as outlined in Stage 3

# Stage 3

## Substantive examination by IP Offices (Office of the designated Contracting Party)

- IP Offices make a **decision within 12 or 18 months** in accordance with their legislation. WIPO records the decisions and notifies you
- If an IP Office refuses to protect your mark, it will not affect the decisions of other offices. You can contest a refusal decision before the IP Office concerned
- If an IP Office accepts to protect your mark, it will issue **statement of grant of protection**
- The international registration is **valid for 10 years**. Renew directly with WIPO with effect in the designated Contracting Parties

# Costs

Fees are payable to WIPO in Swiss francs

- Basic fee\*, which includes 3 classes of goods/services
  - 653 Swiss francs - b/w reproduction of mark
  - 903 Swiss francs - color reproduction of mark
  
- Fees for designating Contracting Parties (dCP)
  - Standard fees - complementary (100 Swiss francs per dCP and supplementary (100 Swiss francs per class beyond 3)
  - OR
  - Individual fees where this is declared

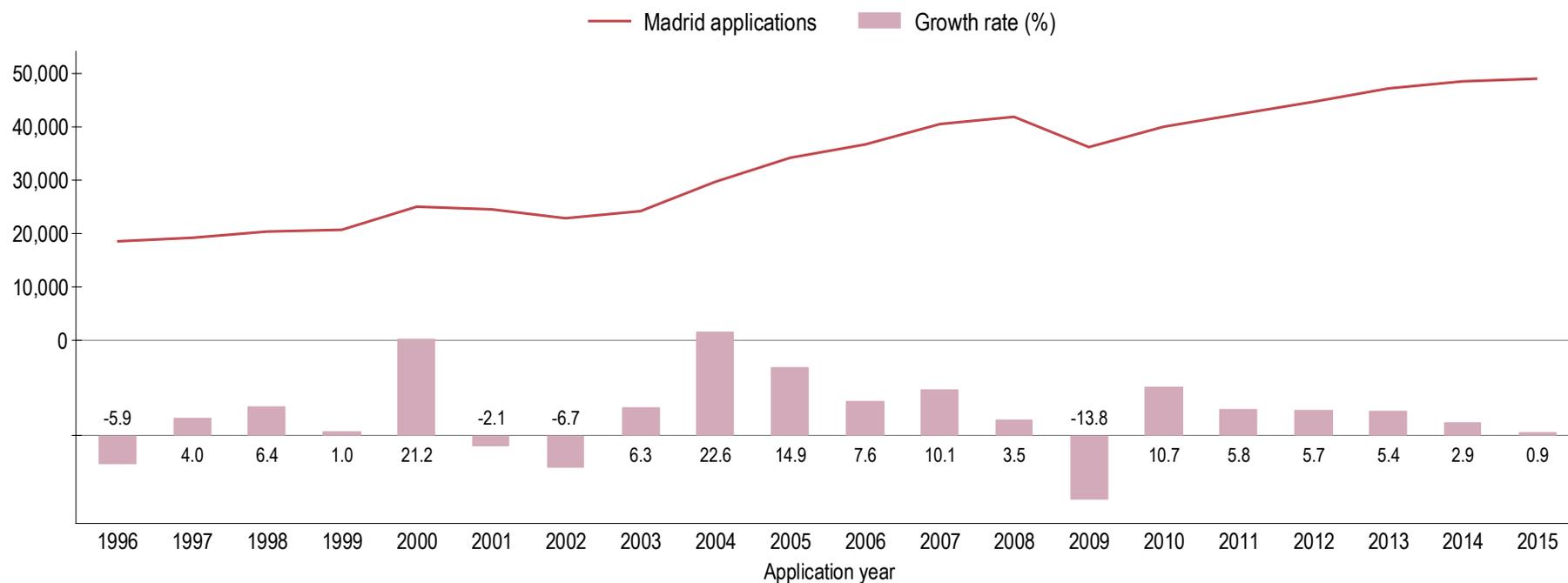
\* Applicants from [Least Developed Countries](#) benefit from a 90% reduction in the basic fee

# Madrid System : Key Figures

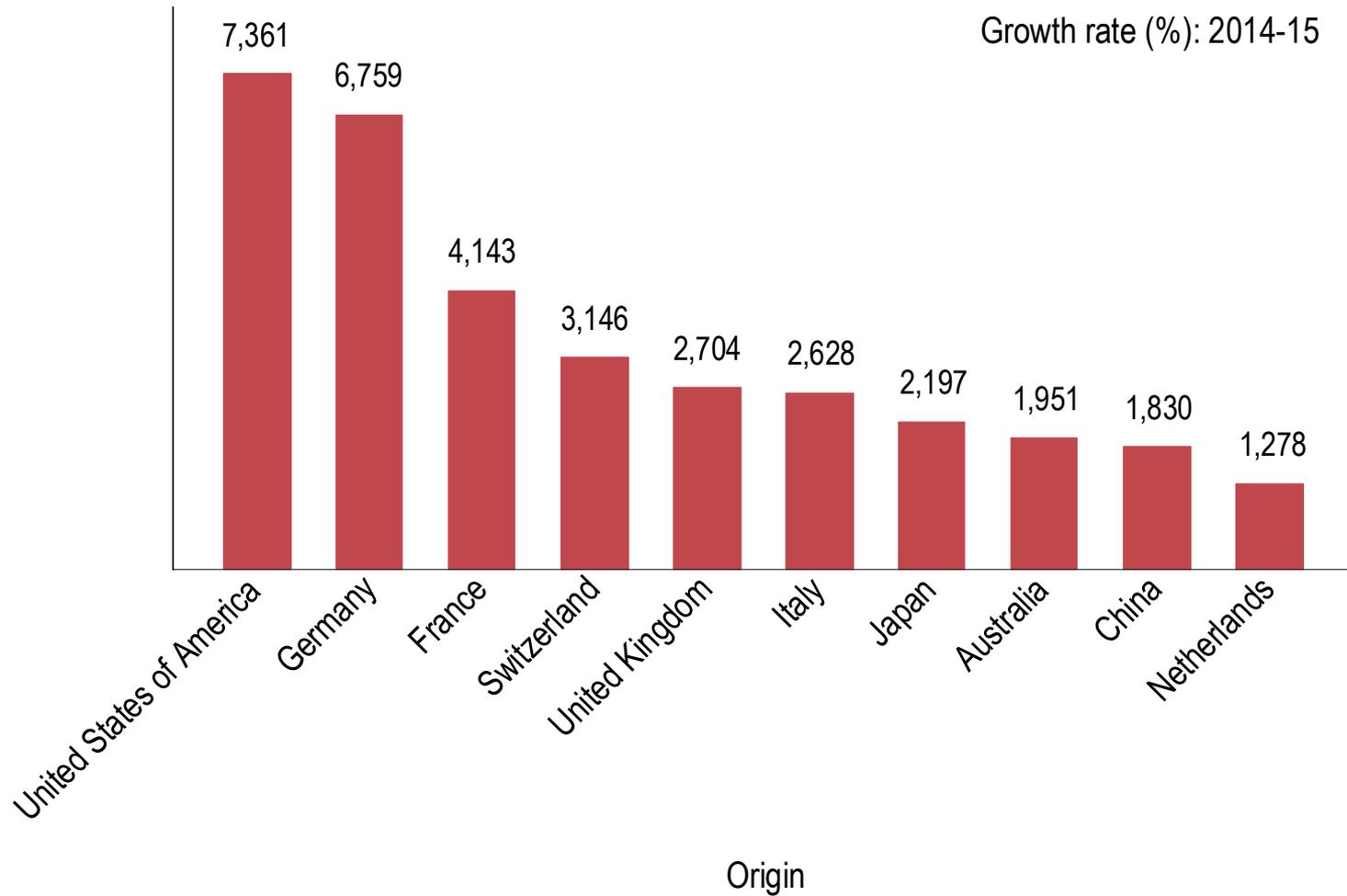
| Description   | Number         |
|---|----------------|
| International registrations   | 44,726         |
| Renewals  | 29,218         |
| Active international registrations  | <b>634,600</b> |
| Active designations in international registrations                        | 5,714,909      |
| Overall Madrid share (non-resident trademark filing, Madrid members only) | 63%            |

# International Applications

Figure A.1.1 Trend in international applications



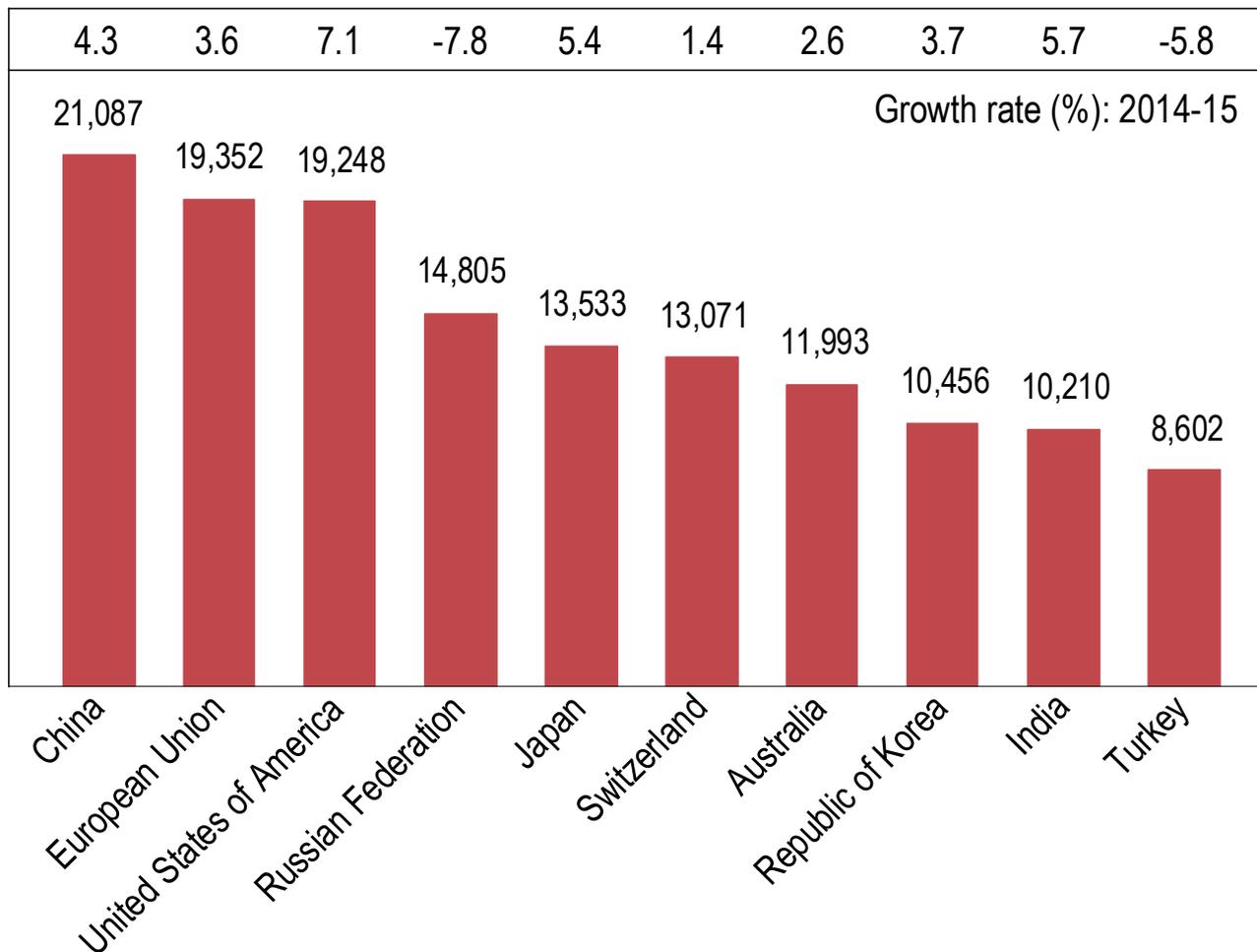
# Top Filing Origins



# Top Applicants

| #  | Name                                       | Origin         | Applications |
|----|--|----------------|--------------|
| 1  | NOVARTIS                                   | Switzerland    | 197          |
| 2  | LIDL STIFTUNG & CO. KG                     | Germany        | 142          |
| 3  | L'ORÉAL, SOCIÉTÉ ANONYME                   | France         | 130          |
| 4  | RICHTER GEDEON NYRT.                       | Hungary        | 126          |
| 5  | PHILIPS ELECTRONICS N.V.                   | Netherlands    | 123          |
| 6  | DAIMLER AG                                 | Germany        | 99           |
| 7  | APPLE INC.                                 | USA            | 86           |
| 8  | BIOFARMA                                   | France         | 80           |
| 9  | BOEHRINGER INGELHEIM<br>INTERNATIONAL GMBH | Germany        | 69           |
| 10 | GLAXO GROUP LIMITED                        | United Kingdom | 68           |

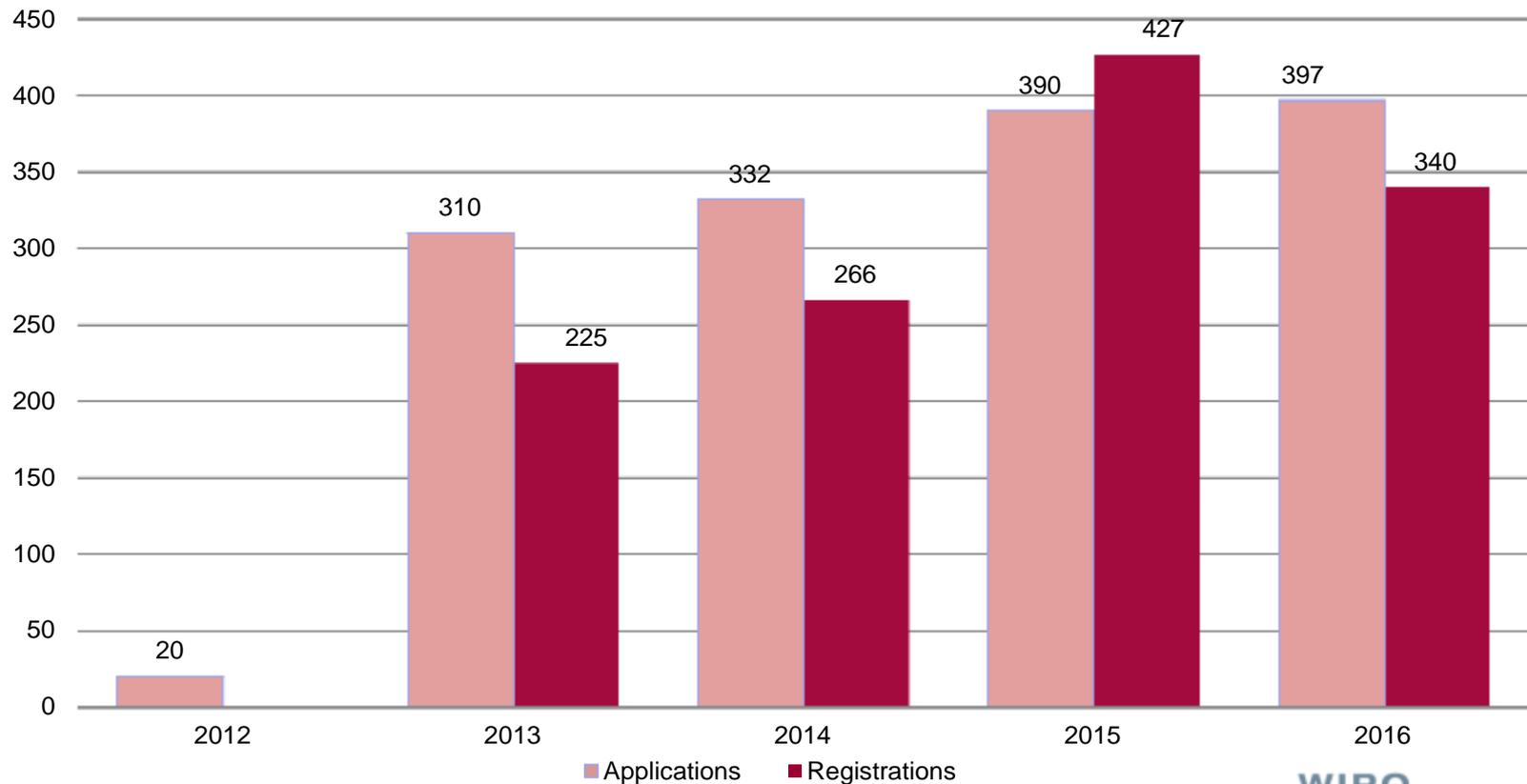
# Top Designated Contracting Parties



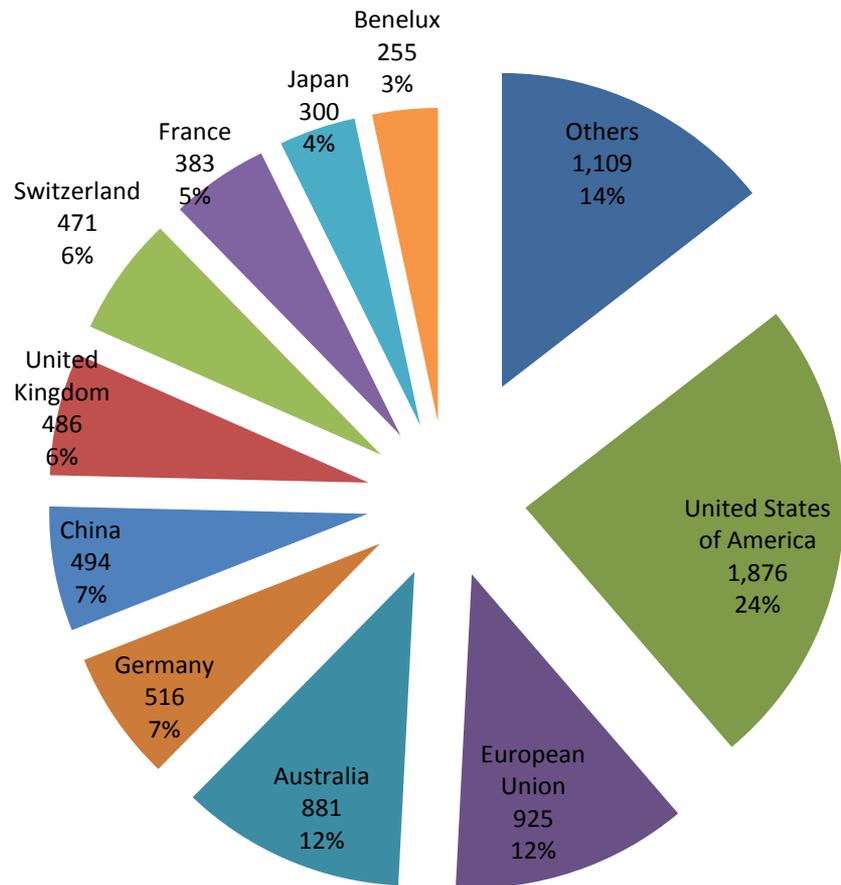
Madrid member

# International Applications and Registrations: New Zealand

International Applications and Registrations by Office of Origin:  
New Zealand

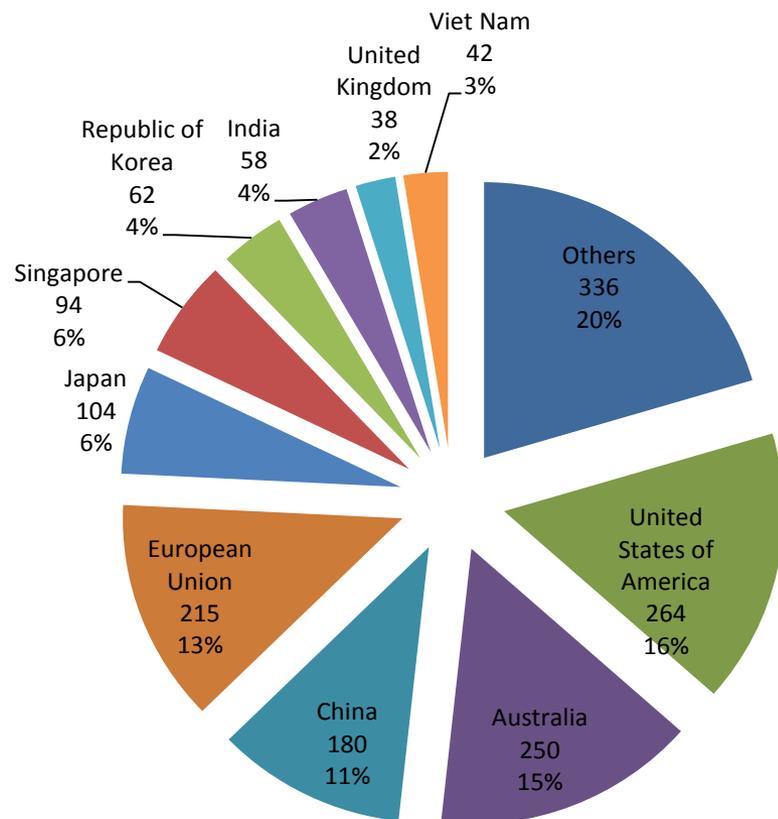


# Designations of New Zealand by Madrid Members



Designations of New Zealand in International Registrations and Subsequent Designations by Country of Holder (2015)

# Top 10 Designated Madrid Members by New Zealand Holders



Designations in International Registrations and Subsequent Designations by designated Contracting Parties, Country of Holder: New Zealand (2015)

# Online Resources and E-Services

- The Madrid Website provides information on how to [search before filing](#), [file an application](#) and how to monitor and [manage your registration](#).
- [Madrid E-Services](#) are available to assist you at each stage of your mark's lifecycle:

# Online Resources and E-Services

search

file

monitor

manage

## Global Brand Database

- search existing marks from national & international sources
- trademarks, appellations of origin and emblems

## Madrid Goods & Services Manager

- compile a list of approved goods & services terms in 18 languages

## **Member Profiles Database**

## Madrid Monitor

- track real-time status of registration
- watch competitors' marks
- e-alerts
- consult the WIPO Gazette

## Madrid Portfolio Manager

- access documents
- request changes
- designate, modify & renew
- pay fees
- obtain extracts

# Developments

- New IT platform – Madrid International Registrations Information System (MIRIS)
- Legal developments: Rules Changes and Madrid System Working Group/Roundtable
- Classification Guidelines
- WIPO Current Account

# Legal Developments

## Amendments to the Common Regulations

### Madrid System Working Group - WG (June 19 to 22, 2017)

- Possible simplification of the replacement procedure
- Analysis of responsibility in examining limitations  
(roles of the Office of Origin and Office of the dCPs)

### Madrid System Roundtable (June 19 to 22, 2017)

- Classification guidelines
- Correspondence of marks – Questionnaire

# Classification Guidelines

- Purpose - to decrease irregularities
- Describes the classification practices at WIPO
- Divided into three sections -
  - General information - Nice Classification and Madrid
  - Classification principles applied by WIPO
  - Practical information on the acceptable format to list indications of goods and services

# WIPO Current Account Changes

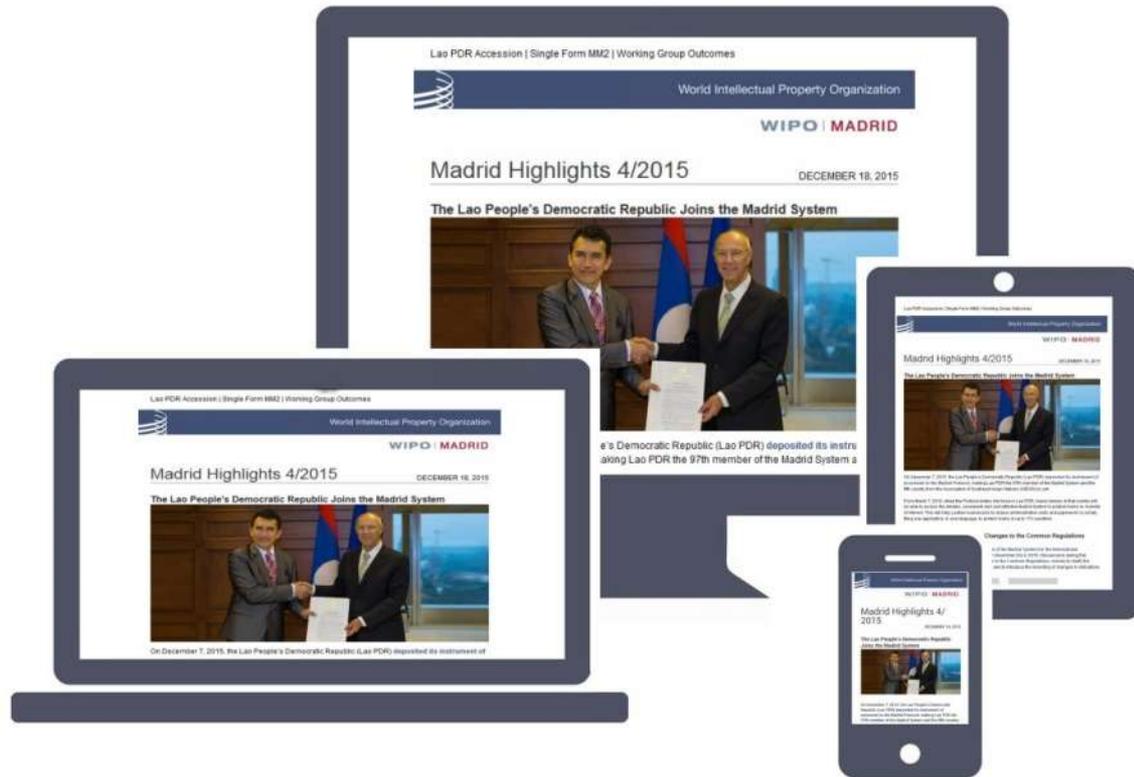
- No minimum number of transactions
- Initial payment of CHF 2,000
- Minimum balance - notification sent to customers if balance is less than CHF 200
- A form to open the account available on the website
- Email address required
- Account statement sent by email only

# Keep Updated on the Madrid System

■ Visit the Madrid Website [www.wipo.int/madrid/en](http://www.wipo.int/madrid/en)

■ Subscribe to [Madrid Notices](#), our regular legal and news updates

■ Sign up for [Madrid Highlights](#)



Thank you  
for your attention

[matthew.forno@wipo.int](mailto:matthew.forno@wipo.int)





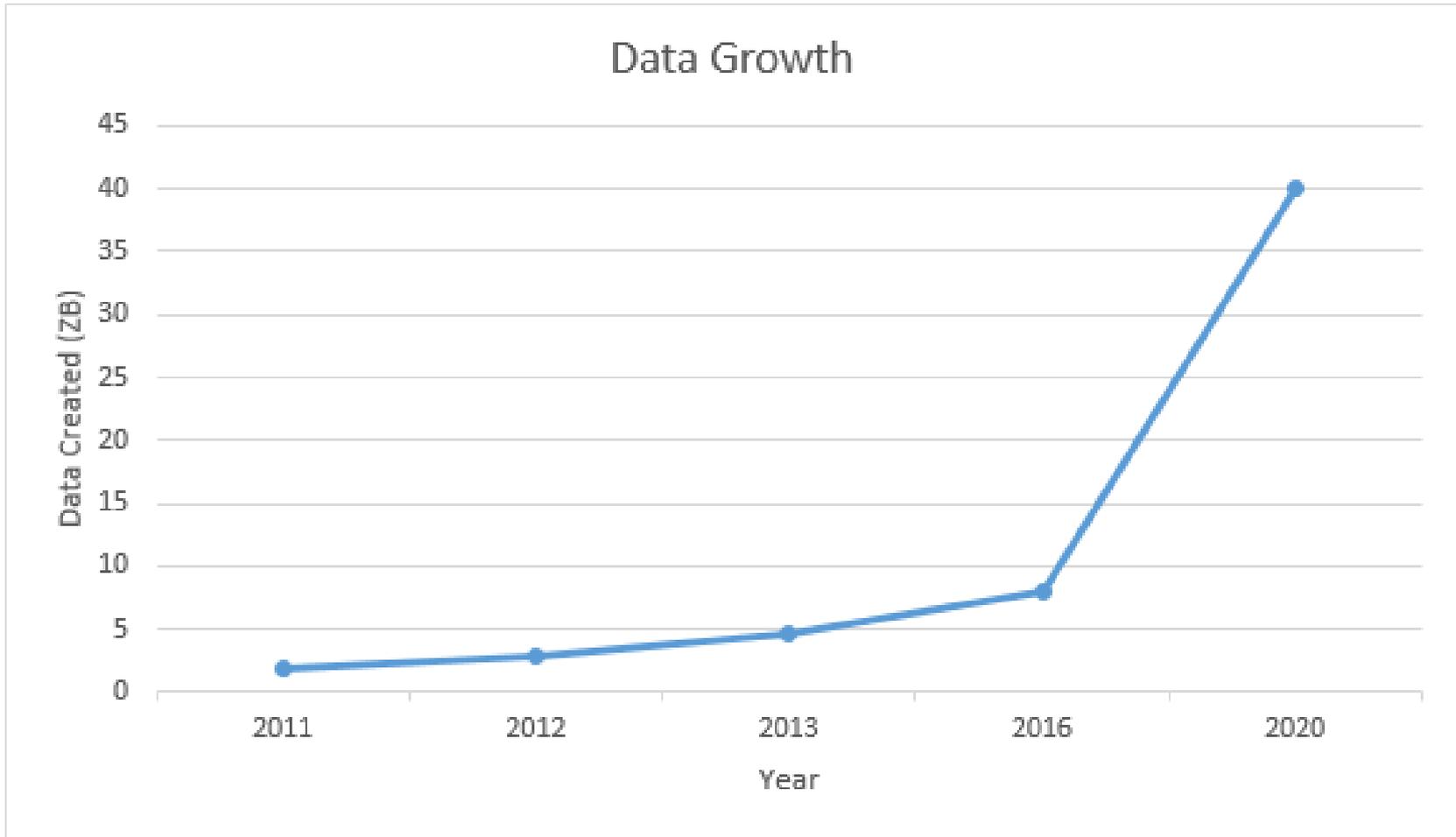
# Global IP Infrastructure



Yo TAKAGI, Assistant Director General  
Global Infrastructure Sector

**Auckland, New Zealand**  
**March 13, 2017**

# Big Data!



Source: Gartner

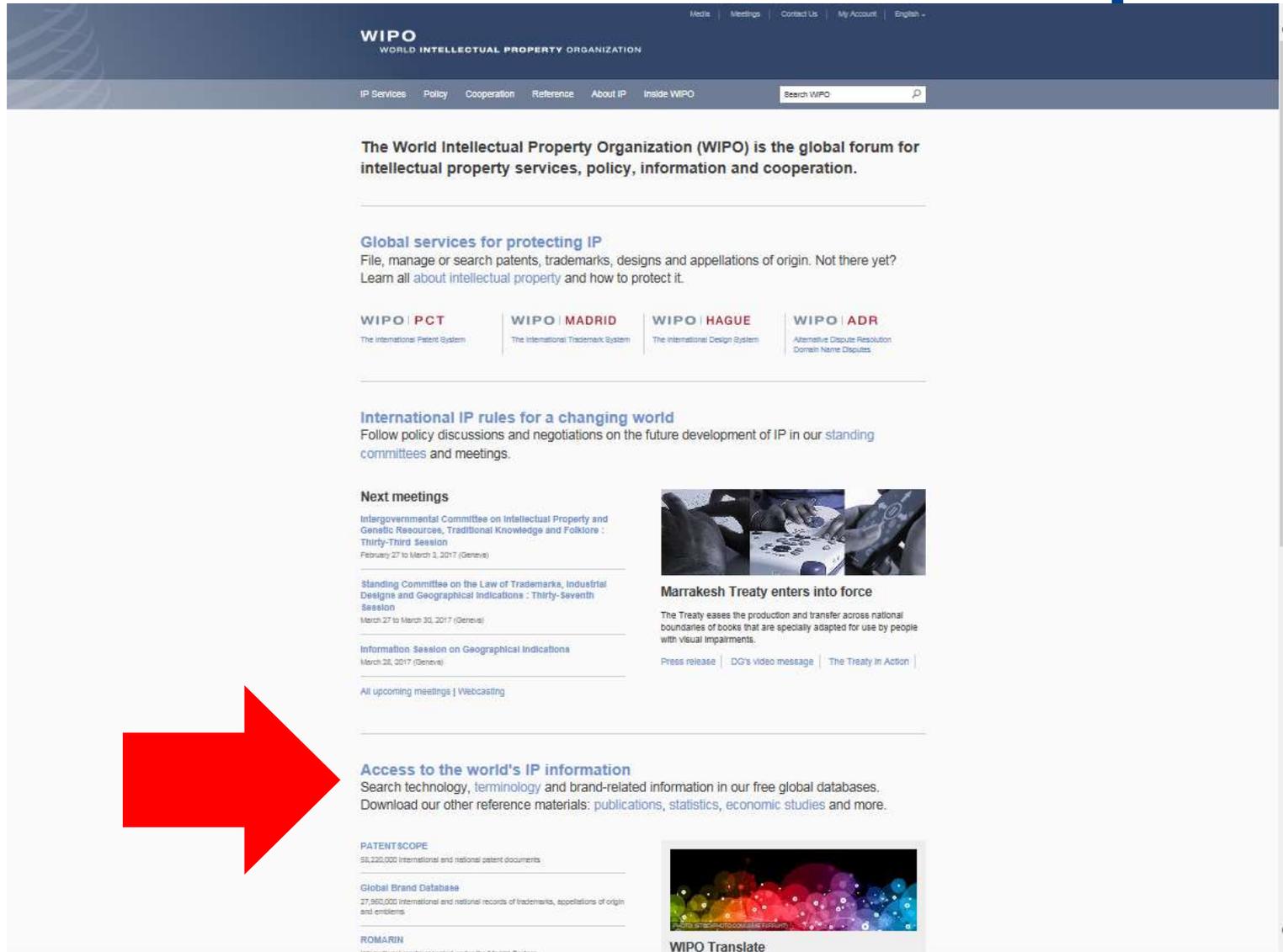
# WIPO's response

- Legal Framework (IP treaties)
- Systems (PCT, Madrid, Hague, AMC)
- Global IP Infrastructure
  - Global IP Data Standardization (IPOs)
  - Global generation of digital IP data (IPOs)
  - ➔ ■ Global Databases (IPOs and users)
  - ➔ ■ Global Platforms (IPOs and users)

# Use Global Databases to increase IP intelligence for Your Business Strategy

- Find a good name for your company and product/service  
Global Brand Database
- Design your new product  
Global Design Database
- Make sure that your idea/technology is new  
PATENTSCOPE
- Check if your target markets protect your IP  
WIPO Lex

# Global IP Databases: Access point



The screenshot shows the WIPO website homepage. At the top, there is a navigation bar with links for Media, Meetings, Contact Us, My Account, and English. Below this is a search bar and a menu with links for IP Services, Policy, Cooperation, Reference, About IP, and Inside WIPO. The main content area features a header about WIPO's role as a global forum for intellectual property services. It then lists global services for protecting IP, including links to various international IP systems: PCT, Madrid, Hague, and ADR. There is also a section for international IP rules and a list of upcoming meetings. A large red arrow points from the left towards the 'Access to the world's IP information' section, which highlights search technology and reference materials. At the bottom, there are sections for PATENTSCOPE, Global Brand Database, ROMARIN, and WIPO Translate.

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Media | Meetings | Contact Us | My Account | English

IP Services | Policy | Cooperation | Reference | About IP | Inside WIPO

Search WIPO

**The World Intellectual Property Organization (WIPO) is the global forum for intellectual property services, policy, information and cooperation.**

**Global services for protecting IP**  
File, manage or search patents, trademarks, designs and appellations of origin. Not there yet? Learn all about intellectual property and how to protect it.

**WIPO | PCT**  
The International Patent System

**WIPO | MADRID**  
The International Trademark System

**WIPO | HAGUE**  
The International Design System

**WIPO | ADR**  
Alternative Dispute Resolution  
Domain Name Disputes

**International IP rules for a changing world**  
Follow policy discussions and negotiations on the future development of IP in our standing committees and meetings.

**Next meetings**

**Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore : Thirty-Third Session**  
February 27 to March 3, 2017 (Geneva)

**Standing Committee on the Law of Trademarks, Industrial Designs and Geographical Indications : Thirty-Seventh Session**  
March 27 to March 30, 2017 (Geneva)

**Information Session on Geographical Indications**  
March 28, 2017 (Geneva)

[All upcoming meetings](#) | [Webcasting](#)

**Marrakesh Treaty enters into force**  
The Treaty eases the production and transfer across national boundaries of books that are specially adapted for use by people with visual impairments.  
[Press release](#) | [DG's video message](#) | [The Treaty in Action](#)

**Access to the world's IP information**  
Search technology, terminology and brand-related information in our free global databases. Download our other reference materials: [publications](#), [statistics](#), [economic studies](#) and more.

**PATENTSCOPE**  
58,220,000 International and national patent documents

**Global Brand Database**  
27,960,000 International and national records of trademarks, appellations of origin and emblems

**ROMARIN**  
International marks recorded under the Madrid System

**WIPO Translate**

# Global Brand Database

- Over 28 million records relating to nationally and internationally-protected trademarks
- Allows searches across multiple collections, including:
  - Trademarks registered under Madrid System and EUIPO
  - Appellations of Origin registered under Lisbon System
  - Emblems protected under the Paris Convention 6ter
  - 31 national collections, with more to come soon



# Global Brand Database

www.wipo.int/branddb/en/

WIPO  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Contact Us | My account | English ▾

Home | Reference | Global Brand Database

searches ▾ records ▾ help ▾

## Global Brand Database

Perform a trademark search by text or image in brand data from multiple national and international sources, including trademarks, appellations of origin and official emblems. V: 2016-10-27 14:46

Data from Spain available 2016-10-11 Over 740,000 records added

Data from Mongolia available 2016-08-10 Over 15,000 records added

Data from Malaysia available 2016-07-05 Over 450,000 records added

Data from Jordan available 2016-05-17 Over 58,000 records added

Data from Georgia available 2016-04-15 Over 26,000 records added

NEWS ✕  
avail  
Over 2:

### SEARCH BY

Brand Names Numbers Dates Class Country

Text = e.g. wipo OR ompi, \*ntel\*, ompi-

Image Class = e.g. 05.07.13, apple AND tree

Goods (All) = e.g. footwear, comput\*

search 🔍

### FILTER BY

Source Image Status Origin App. Year \* Expiration \*

|       |         |       |           |       |           |       |           |
|-------|---------|-------|-----------|-------|-----------|-------|-----------|
| AE TM | 39,540  | AU TM | 1,543,915 | BN TM | 42,497    | CA TM | 1,480,744 |
| CH TM | 376,204 | DE TM | 1,886,435 | DK TM | 284,437   | DZ TM | 27,072    |
| EE TM | 56,659  | EG TM | 109,441   | EM TM | 1,374,397 | ES TM | 745,119   |
| GE TM | 27,733  | ID TM | 811,878   | IL TM | 254,656   | LA TM | 37,897    |
| JO TM | 61,490  | JP TM | 1,931,509 | KH TM | 72,816    | KR TM | 3,176,094 |
| MA TM | 135,386 | MD TM | 37,219    | MN TM | 15,917    | MX TM | 1,148,392 |

Display: List ▾ Sort: Value - asc ▾

filter 🔽

1 - 30 / 27,501,527

TMview ↗

Display: 30 per page options ⚙

1 / 916,718

|                          | Brand        | Source | Status  | Relevance | Origin | Holder                            | Number    | App. Date  | Image Class | Nice Cl. | Image |
|--------------------------|--------------|--------|---------|-----------|--------|-----------------------------------|-----------|------------|-------------|----------|-------|
| <input type="checkbox"/> | SONO MUSIC   | EM TM  | Pending | 1         | EM     | SJRM Entertainment V.O.F.         | 015977762 | 2016-10-26 |             | 9, 41    |       |
| <input type="checkbox"/> | HI POP       | EM TM  | Pending | 1         | EM     |                                   | 015977705 | 2016-10-26 |             | 20, 35   |       |
| <input type="checkbox"/> | IL SALSICCIO | EM TM  | Pending | 1         | EM     | GRANDI SALUMIFICI ITALIANI S.p.A. | 015977754 | 2016-10-26 |             | 29       |       |
| <input type="checkbox"/> | FLAGSHIP     | EM TM  | Pending | 1         | EM     | SYNGENTA PARTICIPATIONS AG        | 015977713 | 2016-10-26 |             | 5        |       |
| <input type="checkbox"/> | ICON         | EM TM  | Pending | 1         | EM     | Syngenta Limited                  | 015977796 | 2016-10-26 |             | 5        |       |

# IMAGE SEARCH

- Sort your results by their visual similarity to an image you provide
- World's first public trademark database to provide search by image
- Choose the search strategy best suited to your particular mark

Search For

Find (in top results – without Vienna Class)



# Image Search

## Use of AI to match similar images

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

[Contact Us](#) | [My account](#) | [English](#) ▾

Home | Reference | Global Brand Database

searches ▾ | records ▾ | help ▾

## Global Brand Database

Perform a trademark search by text or image in brand data from multiple national and international sources, including trademarks, appellations of origin and official emblems. V: 2017-02-10 10:44

|   |   |  |   |  |
|---|---|--|---|--|
| <b>Data from Spain available</b> 2016-10-11<br>Over 740,000 records added | <b>Data from Mongolia available</b> 2016-08-10<br>Over 15,000 records added | <b>Data from Malaysia available</b> 2016-07-05<br>Over 450,000 records added | <b>Data from Jordan available</b> 2016-05-11<br>Over 58,000 records added | <b>NEWS</b> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">✕</span><br>Over 26,000 records added |
|---|---|--|---|--|

### SEARCH BY

Brand | Names | Numbers | Dates | Class | Country

**Text** =

**Image Class** =

**Goods (All)** =

search ↗

### FILTER BY

Source | Image | Status | Origin | App. Year \* | E.I.

**1 Pick an image**

  
 NEW ZEALAND

delete 🗑

**2 Pick a strategy**

- Shape
- Color
- Texture
- Composite

**3 Pick an image type**

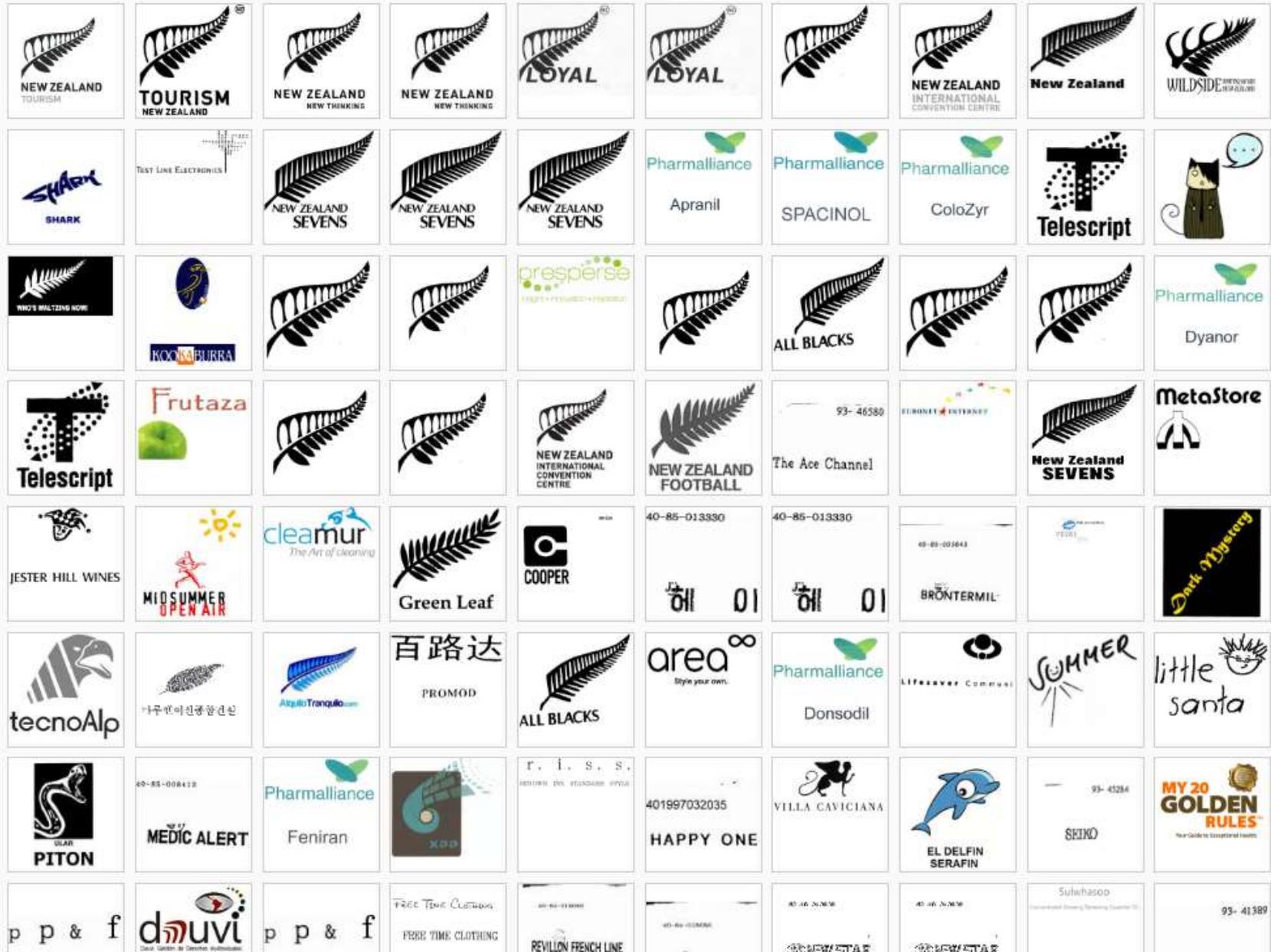
|           |           |
|-----------|-----------|
| Verbal    | 3,055,132 |
| Nonverbal | 1,693,782 |
| Combined  | 8,194,794 |
| Unknown   | 124,855   |

filter ▾

1 - 30 / 27,961,675
TMview
Display: 30 per page options
1 / 932,056

|                          | Brand    | Source | Status  | Relevan | Origin | Holder | Number    | App. Date  | Image Class | Nice Cl. | Image   |
|--------------------------|----------|--------|---------|---------|--------|--------|-----------|------------|-------------|----------|---|
| <input type="checkbox"/> | RIBBCLIP | EM TM  | Pending | 1       | EM     |        | 016341802 | 2017-02-09 |             | 16       |  |

Sort by Relevance - desc



# Global Design Database

The screenshot shows the WIPO website header with the logo and navigation menu. The main content area features the title 'Global Design Database' and a descriptive paragraph: 'Via a single, intuitive interface, the Global Design Database enables free, simultaneous searches of more than industrial designs registered under the WIPO-administered Hague System and/or in participating national collections.' A prominent blue button labeled 'Access the Global Design Database' is visible. Below this, a 'News' section contains two items: 'WIPO adds more than 1 million new documents to Global Design Database' dated August 5, 2015, and 'Global Dissemination of IP Data Initiative' dated May 12, 2015. A 'Links' box on the right side contains 'Help' and 'Contact us'.

- Launched in 2015
- Simultaneous search of more than 1.7 million industrial designs registered in 6 national collections or under the Hague System

<http://www.wipo.int/designdb>

# iWatch in the Global Design Database

## Global Design Database A world-wide collection of industrial designs data; including WIPO Hague registrations and information from participating national offices.

### SEARCH BY

Design Names Numbers Dates Country

Holder =

Creator =

Representative =

### CURRENT SEARCH

HOL:apple ✕

### FILTER BY

Source Designation Locarno Class Reg. Year \*

|            |     |            |       |            |   |
|------------|-----|------------|-------|------------|---|
| CA Designs | 471 | ES Designs | 0     | JP Designs | 0 |
| NZ Designs | 46  | US Designs | 1,566 | WO Designs | 2 |

Display:  Sort:

1 - 10 / 2,085

10

per page

1

/ 209

| Reg. No | Source | Holder     | Reg. Date  | Locarno Cl. | National Cl. | Ind. Prod.        | Designations | Designs | Image   |
|---------|--------|------------|------------|-------------|--------------|-------------------|--------------|---------|---|
| 419864  | NZID   | Apple Inc. | 2015-05-01 | 10-07       |              | Band              | NZ           | 1       |    |
| 419872  | NZID   | Apple Inc. | 2015-05-01 | 13-02       |              | Charger           | NZ           | 1       |    |
| 419862  | NZID   | Apple Inc. | 2015-05-01 | 10-07       |              | Electronic device | NZ           | 1       |    |
| 419866  | NZID   | Apple Inc. | 2015-05-01 | 10-07       |              | Band              | NZ           | 1       |   |
| 419863  | NZID   | Apple Inc. | 2015-05-01 | 10-07       |              | Band              | NZ           | 1       |  |
| 419868  | NZID   | Apple Inc. | 2015-05-01 | 10-07       |              | Band              | NZ           | 1       |  |

# An example of a Design Database Entry

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Contact Us | My account | English

Home | Reference | Global Design Database

## Global Design Database

A world-wide collection of industrial designs data; including WIPO Hague registrations and information from participating national offices.

back (Information valid as of 2016-10-27)

3 / 2015

### New Zealand Industrial Design

419862 - Electronic device  
Status: Registered (2015-05-01)

(11) International Registration Number  
419862

Filing Date of the Application  
2015-02-10

(15) Date of the international registration  
2015-05-01

(18) Expected expiration date of the registration/renewal  
2019-06-11

(54) Indication of products  
Electronic device

**Statement of Novelty**  
The design is to be applied to an electronic device and the novelty of the design resides in the features of shape and/or configuration of the electronic device as shown in the accompanying representations. The oblique shade lines in the Figures show a transparent, reflective or shiny surface, and not surface ornamentation.

(51) Class and subclass of the Locarno Classification  
10.07.021

(73) Name and address of the holder(s)  
Apple Inc.  
Physical Address: 1 Infinite Loop  
Cupertino, California 95014 (US)  
Postal Address: 1 Infinite Loop  
Cupertino, California 95014 (US)

(70) Identification of parties concerned with the application or registration  
Address for service: Suite 25  
178 Farnham Street, Parnell, Auckland 1052



# PATENTSCOPE

## Access to the world's IP information

Search technology, [terminology](#) and brand-related information in our free global databases.  
Download our other reference materials: [publications](#), [statistics](#), [economic studies](#) and more.

### PATENTSCOPE

57,240,000 international and national patent documents

### Global Brand Database

20,600,000 international and national records of trademarks, appellations of origin and emblems

### ROMARIN

International marks recorded under the Madrid System

### Global Design Database

1,600,000 industrial design registrations from the Hague System and participating regional collections

### WIPO Lex

14,100 records of national IP laws and treaties of some 200 countries



www.wipo.int/patentscope/en/

Media Meetings Contact Us My Account English +

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

IP Services Policy Cooperation Reference About IP Inside WIPO

Home » Reference » PATENTSCOPE

## PATENTSCOPE

The PATENTSCOPE database provides access to international Patent Cooperation Treaty (PCT) applications in full text format on the day of publication, as well as to patent documents of participating national and regional patent offices. The information may be searched by entering keywords, names of applicants, international patent classification and many other search criteria in multiple languages.

**Resources**

- Video tutorials
- WIPO Translate
- Data services
- External databases
- Webinars
- Frequently asked questions
- Forum

[Access the PATENTSCOPE database](#)

**Simple Search**

Using PATENTSCOPE you can search 59 million patent documents including 3.1 million published international patent applications (PCT). Detailed coverage information can be found here (->)

Front Page  Office: All

[New Chemical Structure Search functionality](#)

[PCT Publication 06/2017 \(2017/02/09\) is now available. The next publication date is scheduled as follows: Gazette number 07/2017 \(2017/02/16\). More](#)

- 3.1 million published PCT applications
- 60 million patent documents (40 regional or national collections)

# 5 Great TIPS !

# TIP 1

Registered PATENTSCOPE Free of Charge Log In users can:

- Save their queries
- Export up to 10.000 records in .csv/.xls

WIPO PATENTSCOPE Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search Browse Translate Options News Login Help

Home > IP Services > PATENTSCOPE

Results 1-10 of 180 for Criteria:FP:(car OR "autonomous vehicle") AND PA:Google Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 19 Go >

Refine Search FP:(car OR "autonomous vehicle") AND PA:Google Search RSS

Analysis

Sort by: Pub Date Desc View: All List Length: 10 Machine translation

| IntClass  | Title  | AppNo    | Applicant           | Ctr                 | PubDate    |
|---|--|----------|---------------------|---------------------|------------|
| 1. 09476970   | Camera based localization  |          |                     | US                  | 25.10.2016 |
| H04N 7/18   |  | 13423704 | Nathaniel Fairfield | Nathaniel Fairfield |            |
| Aspects of the disclosure relate generally to autonomous vehicles. Specifically, the features described may be used alone or in combination in order to improve the safety, use, driver experience, and performance of these vehicles. In particular, the disclosure includes a system and method of determining a vehicle's location based on a comparison of images captured from the vehicle with a database of images.                                |  |          |                     |                     |            |
| 2. 09465388   | Remote assistance for an autonomous vehicle in low confidence situations |          |                     | US                  | 11.10.2016 |
| G05D 1/00   |  | 14196663 | Google Inc.         | Nathaniel Fairfield |            |
| Example systems and methods enable an autonomous vehicle to request assistance from a remote operator when the vehicle's confidence in operation is low. One example method includes operating an autonomous vehicle of an autonomous operation in the first autonomous mode assistor, the request including sensor data representative response from the remote assistor, the response indicatin operate in the second autonomous mode of operation in a |  |          |                     |                     |            |
| 3. 09459625   | Approach for consolidating observed veh                                  |          |                     |                     |            |
| G05D 1/02   |  | 144497   |                     |                     |            |
| A method and apparatus is provided for controlling the op of other vehicles on a road. Based on the other vehicle's autonomous vehicle may select one of the combined traj speed or direction of the autonomous vehicle.  |  |          |                     |                     |            |
| 4. 09460622   | Approach for estimating the geometry of i                                |          |                     |                     |            |
| G08G 1/0967   |  | 145100   |                     |                     |            |

WIPO PATENTSCOPE Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search Browse Translate Options News User: yo.lakage@wipo.int Help

Home > IP Services > PATENTSCOPE

Results 1-10 of 23,418 for Criteria:FP:(electric car) Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 2342 Go >

Refine Search FP:(electric car) Search RSS

Analysis

Sort by: Pub Date Desc View: All List Length: 10 Machine translation

| IntClass  | Title   | AppNo             | Applicant                          | Ctr           | PubDate    |
|---|---|-------------------|------------------------------------|---------------|------------|
| 1. WO/2017/020290   | ELECTRONIC CIGARETTE AND POWER SUPPLY APPARATUS THEREOF |                   |                                    | WO            | 09.02.2017 |
| A24F 47/00  |   | PCT/CN2015/088215 | SHENZHEN SMOORE TECHNOLOGY LIMITED | LIU, Pingkuan |            |
| An electronic cigarette and a power supply apparatus (1) thereof. The power supply apparatus (1) is used for an electronic cigarette, comprising a housing (11) and an electrostatic friction film (12). An air inlet (111), an air outlet (112) and an airflow channel (113) connecting the air inlet (111) and the air outlet (112) are provided on |   |                   |                                    |               |            |

# TIP 2 Cross Lingual Search

The screenshot displays the WIPO PATENTSCOPE interface. At the top, the WIPO logo and 'PATENTSCOPE' are visible, along with a language selection menu. Below this is a navigation bar with 'Search', 'Browse', 'Translate', 'Options', 'News', 'Login', and 'Help'. The 'Search' dropdown menu is open, showing 'Simple', 'Advanced Search', 'Field Combination', and 'Cross Lingual Expansion'. A red box highlights the 'Cross Lingual Expansion' option, and a red arrow points to it from the left. Below the navigation bar, there is a search input field with a dropdown menu set to 'Front Page' and a 'Search' button. The page also features a 'New Chemical Structure Search functionality' announcement and a 'PCT Publication 06/2017 (2017/02/09) is now available' notice.

<https://patentscope.wipo.int>

# Example: Drone



PATENTSCOPE

[Mobile](#) | [Deutsch](#) | [Español](#) | [Français](#) | [日本語](#) | [한국어](#) | [Português](#) | [Русский](#) | [中文](#) | [العربية](#)

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

[Search](#)

[Browse](#)

[Translate](#)

[Options](#)

[News](#)

[Login](#)

[Help](#)

[Home](#) > [IP Services](#) > PATENTSCOPE

Input search terms

[\[Help\]](#)

Query

drone

Query Language:

Expansion Mode:

Precision   Recall

[Next](#)

# 50% more results



PATENTSCOPE

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search Browse Translate Options News User: yo.takagi@wipo.int Help

Home > IP Services > PATENTSCOPE

Results 701-750 of 2,293 for Criteria:FP:((EN\_Ti:("drone") OR EN\_AB:("drone")) OR (DE\_Ti:("Drohne" OR "Drone") OR DE\_AB:("Drohne" OR "Drone")) OR (ES\_Ti:("aeronave remolcada") OR ES\_AB:("aeronave remolcada")) OR (FR\_Ti:("drone") OR FR\_AB:("drone")) OR (JA\_Ti:("無人機") OR JA\_AB:("無人機")) OR (KO\_Ti:("비행무기") OR KO\_AB:("비행무기")) OR (RU\_Ti:("беспилотного летательного аппарата" OR "беспилотный") OR RU\_AB:("беспилотного летательного аппарата" OR "беспилотный"))) Office(s):all Language:EN Stemming: true

prev 1 12 13 14 15 16 17 18 19 20 next Page: 15 / 48 Go >

Refine Search FP:((EN\_Ti:("drone") OR EN\_AB:("drone")) OR (DE\_Ti:("Drohne" OR "Drone") OR DE\_AB:("Drohne" OR "Drone")) OR (ES\_Ti:("aeronave remolcada") OR ES\_AB:("aeronave remolcada")) OR (FR\_Ti:("drone") OR FR\_AB:("drone")) OR (JA\_Ti:("無人機") OR JA\_AB:("無人機")) OR (KO\_Ti:("비행무기") OR KO\_AB:("비행무기")) OR (RU\_Ti:("беспилотного летательного аппарата" OR "беспилотный") OR RU\_AB:("беспилотного летательного аппарата" OR "беспилотный"))) Office(s):all Language:EN Stemming: true Search

Instant Help

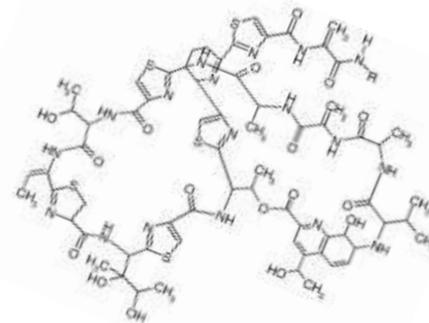
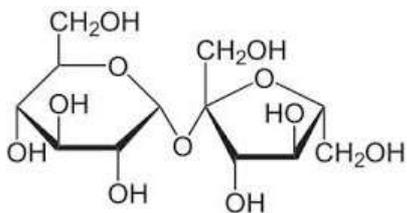
## Analysis

Sort by: Relevance View All List Length 50 Machine translation

| Title  | Applicant | Ctr | PubDate    |
|--|-----------|-----|------------|
| 701. 00083483 <b>БЕСПИЛОТНЫЙ ЛЕТАТЕЛЬНЫЙ АППАРАТ</b>   |           | ru  | 10.06.2009 |
| B61C 1/30 200815205322   |           |     |            |
| Попов Николай Михайлович (UA)  |           |     |            |
| <p><b>Беспилотный</b> летательный аппарат относится к авиационной технике, в частности беспилотным летательным аппаратам среднего веса, со специальной полезной нагрузкой. <b>Беспилотный</b> летательный аппарат содержит фюзеляж с V-образным хвостовым оперением, крыло, двухколесное шасси и силовую установку. Консоли крыла выполнены со стреловидностью вперед. Силовая установка представляет собой двигатель с закрепленным на его выходном валу двухлопастным винтом. Фюзеляж выполнен с возможностью разборки на две секции: носовую часть и хвостовую балку, крыло - на три секции; две консоли и центроплан, хвостовое оперение - на две секции. Конструкция аппарата предусматривает удобное транспортирование и быструю подготовку к полетному состоянию. Бортовое оборудование обеспечивает управление аппаратом от дистанционного пункта и навигацию в автономном полете. В качестве полезной нагрузки могут быть установлены аппаратура для аэрофотосъемки или оборудование для химической (или биологической) обработки сельскохозяйственных угодий.</p>                          |           |     |            |
| 702. 02353547 <b>UNMANNED STEALTH AIRCRAFT</b>   |           | ru  | 27.04.2009 |
| B61C 29/02 200710811111  |           |     |            |
| Барковский Владимир Иванович (RU)  |           |     |            |
| <p>FIELD: aircraft industry. SUBSTANCE: invention refers to aircraft industry, and namely to unmanned stealth aircrafts. Unmanned stealth aircraft is made according to "flying wing" aerodynamic design in horizontal plane in the form of a rhomb all the four wing edges of which are equal to each other lengthwise, and front wing edges are parallel to rear wing edges which are located opposite. Front wing edges make 40 deg angles with a straight line perpendicular to longitudinal axis. Each elevon on the rear wing edges is three-section, and has individual and independent control of each section. Inlet holes of air intakes are made so that they do not project beyond the clean line of aircraft upper surface; they are made in the form of triangles if to look from above. Flat outlet nozzle is made so that it does not project beyond the lines of wing center section, and its lower edge coincides with rear edge of wing center section. EFFECT: improving unmanned aircraft stealthiness, and improving in-flight stability and controllability. 14 cl, 3 dwg</p> |           |     |            |
| 703. 02185309 <b>RECOVERABLE UNMANNED FLYING VEHICLE</b>   |           | ru  | 20.07.2002 |

# TIP 3 Chemical Compounds Search

- Recognize chemical compounds in patent texts and from embedded drawings included in patent texts
- Standardize all the different representations of chemical structures into Inchikeys and annotate the document
- Implement search functions for Inchikeys that can be used by non chemists



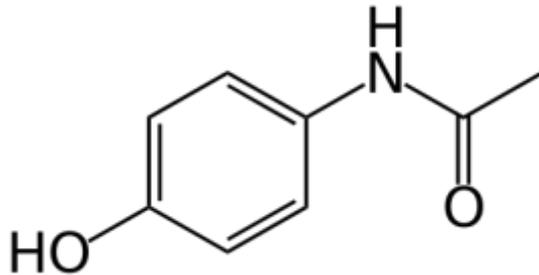
# Example: Panadol®



(1) IUPAC name

N-(4-hydroxyphenyl)acetamide

(2) Skeletal formula



InchiKey  
RZVAJINKPMORJF-UHFFFAOYSA-N

(3) International Non proprietary Name (INN)

Paracetamol



(4) Trademark, generic name, other names

Panadol, Tylenol, Acetaminophen, etc.



# Chemical Compounds Search Log In First!

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Compound name ▼ Type an accepted name, commercial name, CAS name, IUPAC name

Compound name  
INN  
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# Example: Panadol (Paracetamol)

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### Chemical compounds search [\[Help\]](#)

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Compound name ▼ Paracetamol

- Compound name
- INN**
- InChI
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Results 1-10 of 34,716 for Criteria:CHEM:(RZVAJINKPMORJF-UHFFFAOYSA-N) Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 3472 Go &gt;

Refine Search CHEM:(RZVAJINKPMORJF-UHFFFAOYSA-N)

Search

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**Analysis**

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| Int.Class  | Appl.No           | Title   | Applicant | Ctr                            | PubDate    |
|--|-------------------|---|-----------|--------------------------------|------------|
| 1. WO/2017/012647  |                   | NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS |           | WO                             | 26.01.2017 |
| C07D 471/04  | PCT/EP2015/066520 | GALAPAGOS NV  |           | MENET, Christel, Jeanne, Marie |            |
| The present invention discloses compounds according to Formula (I), wherein R1, R3, R4, R5, L1, and Cy are as defined herein. The present invention also provides compounds, methods for the production of said compounds of the invention, pharmaceutical compositions comprising the same and their use in allergic or inflammatory conditions, autoimmune diseases, proliferative diseases, transplantation rejection, diseases involving impairment of cartilage turnover, congenital cartilage malformations, and/or diseases associated with hypersecretion of IL6 and/or interferons. The present invention also methods for the prevention and/or treatment of the aforementioned diseases by administering a compound of the invention.   |                   |   |           |                                |            |
| 2. WO/2017/012901  |                   | IMPLANT WITH AN BIOACTIVE COATING AND METHOD FOR PROVIDING THE SAME                                 |           | WO                             | 26.01.2017 |
| A61L 27/54   | PCT/EP2016/066425 | BIOMET DEUTSCHLAND GMBH   |           | CARTIER, Régis                 |            |
| The present invention relates to an implant having a surface comprising a coating on at least a portion of the surface of the implant, wherein the coating comprises at least two coating layers of bioactive compounds adjacent to each other, obtainable in a process comprising the following steps: providing an implant with a surface, providing a first suspension comprising at least one first bioactive compound in a first solvent, wherein the first bioactive compound is non-soluble or partially soluble in the first solvent, applying said first suspension comprising the at least one first bioactive compound onto at least a part of the implant surface forming a first coating layer; drying the first coating layer, providing a second solution comprising at least one second bioactive compound in a second solvent, wherein the second bioactive compound is soluble or readily soluble in the second solvent; applying said second solution comprising the at least one second bioactive compound onto the first coating layer forming a second coating layer, and drying the second coating layer. |                   |   |           |                                |            |
| 3. WO/2017/013183  |                   | COMPOSITIONS FOR PROTECTING SKIN COMPRISING DNA REPAIR ENZYMES AND PHYCOBILIPROTEIN                 |           | WO                             | 26.01.2017 |
| A61K 8/66  | PCT/EP2016/067328 | GREENALTECH, S.L  |           | RUIZ CANOVAS, Eugenia          |            |
| The invention relates to compositions for repairing the adverse effects of the environment daily stress, sun exposure or premature-aging on human skin which comprise a DNA repair enzyme and a phycobiliprotein.  |                   |   |           |                                |            |
| 4. WO/2017/013228  |                   | HAND-HELD TEST METER WITH FLUID INGRESS DETECTION CIRCUIT   |           | WO                             | 26.01.2017 |
| G01N 27/27   | PCT/EP2016/067460 | LIFESCAN SCOTLAND LIMITED   |           | HAMER, Malcolm D               |            |

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**1. (WO2017012647) NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS**
[PCT Biblio. Data](#) | [Description](#) | [Claims](#) | [National Phase](#) | [Notices](#) | [Compounds](#) | [Drawings](#) | [Documents](#)

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**Pub. No.:** WO/2017/012647      **International Application No.:** PCT/EP2015/066520  
**Publication Date:** 26.01.2017      **International Filing Date:** 20.07.2015  
**IPC:** C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61P 29/00 (2006.01), A61P 37/08 (2006.01), A61P 35/00 (2006.01)

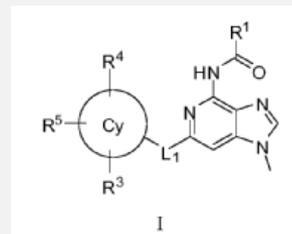
**Applicants:** GALAPAGOS NV [BE/BE]; Generaal De Wittelaan L11/A3 B-2800 Mechelen (BE)  
**Inventors:** MENET, Christel, Jeanne, Marie; (BE).  
 MAMMOLITI, Oscar; (BE).  
 QUINTON, Evelyne; (BE).  
 JOANNESSE, Caroline, Martine, Andrée-Marie; (BE).  
 DE BLIECK, Ann; (BE).  
 BLANC, Javier; (ES)  
**Agent:** BAR, Grégory, Louis, Joseph; (BE)

**Priority Data:**  
**Title**

**(EN)** NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS  
**(FR)** NOUVEAUX COMPOSÉS ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES

**Abstract:**

**(EN)**The present invention discloses compounds according to Formula (I), wherein R<sup>1</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, L<sub>1</sub>, and Cy are as defined herein. The present invention also provides compounds, methods for the production of said compounds of the invention, pharmaceutical compositions comprising the same and their use in allergic or inflammatory conditions, autoimmune diseases, proliferative diseases, transplantation rejection, diseases involving impairment of cartilage turnover, congenital cartilage malformations, and/or diseases associated with hypersecretion of IL6 and/or interferons. The present invention also methods for the prevention and/or treatment of the aforementioned diseases by administering a compound of the invention.  
**(FR)**La présente invention concerne des composés de formule (I), dans laquelle R<sup>1</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, L<sub>1</sub>, et Cy sont tels que définis dans la description. La présente invention concerne également des composés, des procédés de production desdits composés, des compositions pharmaceutiques les comprenant et leur utilisation dans des troubles allergiques ou inflammatoires, des maladies auto-immunes, des maladies prolifératives, des rejets de transplantation, des maladies impliquant un trouble du renouvellement du cartilage, des malformations congénitales du cartilage, et/ou des maladies associées à une hypersécrétion de l'IL-6 et/ou des interférons. La présente invention concerne également des méthodes de prévention et/ou de traitement de ces maladies consistant à administrer un composé de l'invention.

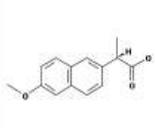
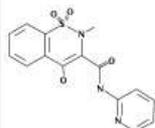
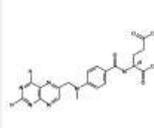
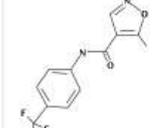
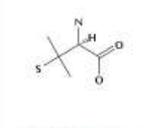
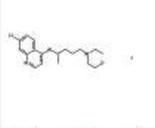
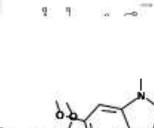
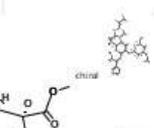
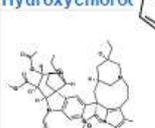
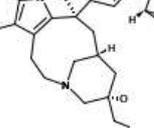
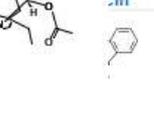
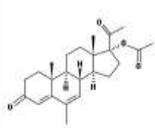
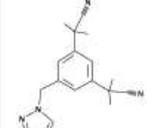
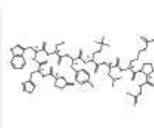
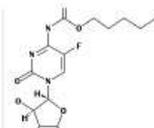


**Designated States:** AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.  
 African Regional Intellectual Property Organization (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW)

Machine translation

1. (WO2017012647) NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS

PCT Biblio. Data Description Claims National Phase Notices **Compounds** Drawings Documents

| Title  | Abstract   | Description  | Claims   |
|--|--|--|--|
|   |   |   |   |
| <b>Naproxen</b>  | <b>Piroxicam</b>   | <b>Methotrexate</b>  | <b>Leflunomide</b>   |
|   |   |   |   |
| <b>Penicillamine</b>   | <b>Hydroxychloroquine</b>  | <b>Vinorelbine</b>   | <b>Fluorouracil</b>  |
|   |   |   |   |
| <b>Docetaxel</b>   | <b>Vincristine</b>   | <b>Vinblastine</b>   | <b>Paclitaxel</b>  |
|  |  |  |  |
| <b>Anastrozole</b>   | <b>Goserelin</b>   | <b>Capecitabine</b>  | <b>Erlotinib</b>   |

Navigation: <<<<< << < 1 2 3 4 5 6 7 8 9 10 >> >>>>

to reduce or prevent, cartilage degradation in the joints of said patient, the self-perpetuating processes responsible for said degradation. In a particular embodiment said compound may exhibit cartilage anabolic and/or anti-catabolic properties.

[0208] Injection dose levels range from about 0.1 mg/kg/h to at least 10 mg/kg/h, all for from about 1 to about 120 h and especially 24 to 96 h. A preloading bolus of from about 0.1 mg/kg to about 10 mg/kg or more may also be administered to reach steady state levels. The maximum total dose is not expected to exceed about 2 g/day for a 40 to 80 kg human patient.

[0209] For the prophylaxis and/or treatment of long-term conditions, several months or years so oral dosing is preferred for patient convenience and several doses per day are representative regimens. Using these dosing patterns with particular doses each providing from about 0.1 to about 10 mg/kg

[0210] Transdermal doses are generally selected to provide similar clinical effects achieved using injection doses.

[0211] When used to prevent the onset of a condition, a compound of the invention may be administered to a patient at risk for developing the condition, typically patients at risk for developing a particular condition generally include those that have a family history of the condition, or those who are being tested or screening to be particularly susceptible to the condition.

[0212] A compound of the invention can be administered as the sole agent or in combination with other therapeutic agents, including other compounds that demonstrate similar effects.

[0213] In one embodiment, a compound of the invention is co-administered with one or more other agents allows for significantly lower doses of the same or a similar therapeutic activity and that are determined to be effective by the administration of two (or more) agents.

[0214] In one embodiment, a compound of the invention is co-administered with one or more other agents for the treatment and/or prophylaxis of a disease. Particular agents include, but are not limited to, dexamethasone, cyclophosphamide, cyclosporin A, tacrolimus, Mycogel, acetaminophen, ibuprofen, naproxen, and piroxicam.

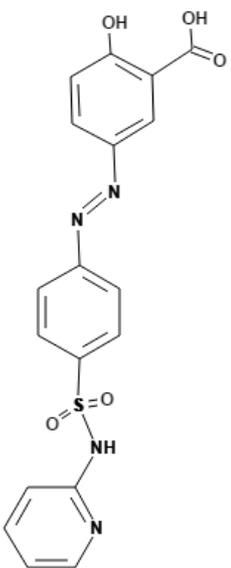
[0215] In one embodiment, a compound of the invention is co-administered with one or more other agents for the treatment and/or prophylaxis of arthritis (e.g. rheumatoid arthritis); particular agents include but are not limited to a variety of anti-inflammatory drugs (NSAIDs), steroids, synthetic DMARDs (for example, methotrexate, leflunomide, sulfasalazine, azathioprine, and cyclosporin), and biological DMARDs (for example, Etanercept, Adalimumab, Rituximab, and Abatacept).

[0216] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of proliferative disorders; particular agents include but are not limited to: methotrexate, leukovorin, adriamycin, prednisone, bleomycin, cyclophosphamide, 5-fluorouracil, paclitaxel, docetaxel, vincristine, vinblastine, vinorelbine, doxorubicin, tamoxifen, toremifene, megestrol acetate, anastrozole, goserelin, anti-HER<sup>2</sup> monoclonal antibody (e.g. Herceptin™), capecitabine, raloxifene hydrochloride, EGFR inhibitors (e.g. Iressa®, Tarceva™, Erbitux™), VEGF inhibitors (e.g. Avastin™), proteasome inhibitors (e.g. Velcade™), Glivec® and hsp90 inhibitors (e.g. 17-AAG). Additionally, a compound of the invention may be administered in combination with other therapies including, but not limited to, radiotherapy or surgery. In a specific embodiment the proliferative disorder is selected from cancer, myeloproliferative disease and leukaemia.

[0217] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of autoimmune diseases, particular agents include but are not limited to: glucocorticoids, cytostatic agents (e.g. purine analogs), alkylating agents, (e.g. nitrogen mustards (cyclophosphamide), nitrosoureas, platinum compounds, and others), antimetabolites (e.g. methotrexate, azathioprine and mercaptopurine), cytotoxic antibiotics (e.g. dactinomycin anthracyclines, mitomycin C, bleomycin, and mithramycin), antibodies (e.g. anti-CD20, anti-CD25 or anti-CD3 (OTK3) monoclonal antibodies, Atgam® and Thymoglobuline®), cyclosporin, tacrolimus, rapamycin (sirolimus), interferons (e.g. IFN-β), TNF binding proteins (e.g. infliximab (Remicade™), etanercept (Enbrel™), or adalimumab (Humira™)), mycophenolate, Fingolimod and Myriocin.

[0218] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of transplantation rejection, particular agents include but are not limited to: calcineurin inhibitors (e.g. cyclosporin or tacrolimus (FK506)), mTOR inhibitors (e.g. sirolimus, everolimus), anti-proliferatives (e.g. azathioprine, mycophenolic acid), corticosteroids (e.g. prednisolone, hydrocortisone), Antibodies (e.g. monoclonal anti-IL-2Ra receptor antibodies, basiliximab, daclizumab), polyclonal anti-T-cell antibodies (e.g. anti-thymocyte globulin (ATG)), anti-lymphocyte globulin (ALG)).

[0219] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of asthma and/or rhinitis and/or COPD, particular agents include but are not limited to: beta2-adrenoceptor agonists (e.g. salbutamol, levalbuterol, terbutaline and bitolterol), epinephrine (inhaled or tablets), anticholinergics (e.g. ipratropium bromide), glucocorticoids (oral or inhaled) Long-acting p2-agonists (e.g. salmeterol, formoterol, bambuterol, and sustained-release oral albuterol), combinations of inhaled steroids and long-acting bronchodilators (e.g. fluticasone/salmeterol),



Sulfasalazine

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1. (WO2012065681) AUTOMATED LANDING OF UNMANNED AERIAL VEHICLES

PCT: Biblio. Data Description Claims National Phase Notices Drawings Documents

Latest bibliographic data on file with the International Bureau [PermaLink](#)

Pub. No.: WO/2012/065681 International Application No.: PCT/EP2011/005336  
Publication Date: 24.05.2012 International Filing Date: 22.10.2011  
IPC: G05D 1/06 (2006.01)

Applicants: RHEINMETALL DEFENSE ELECTRONICS GMBH [DE/DE] Brüggeweg 54 28309 Bremen (DE) (For All Designated States Except US)  
MARTINKAT, Norbert [DE/DE] (For US Only)  
BLOHM, Christian [DE/DE] (For US Only)

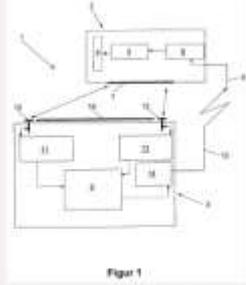
Inventors: MARTINKAT, Norbert [DE/DE]  
BLOHM, Christian [DE/DE]

Agent: THUL, Hermann, Thul Patentanwaltsgesellschaft mbH Rheinmetall Platz 1 40476 Düsseldorf (DE)

Priority Data: 10 2010 051 561 2 18.11.2010 DE

Title: (DE) AUTOMATISIERTE LANDUNG UNBEMANNTER FLUGOBJEKTE  
(EN) AUTOMATED LANDING OF UNMANNED AERIAL VEHICLES  
(FR) ATERRISSAGE AUTOMATISÉ DE DRONES

Abstract: (DE) Die Erfindung betrifft ein Verfahren zur Unterstützung einer automatisierten Landung eines unbemannten Flugobjekts (2) auf einem Zielpunkt einer Landefläche (16) einer Bodeneinheit (3) mit den Verfahrensschritten - Ermitteln eines Anflugvektors, der von dem Zielpunkt in Richtung des Flugobjekts (2) weist, an der Bodeneinheit (3), - Senden des Anflugvektors an das Flugobjekt (2) und - Steuern des Flugobjekts (2) anhand des empfangenen Anflugvektors.  
(EN) The invention relates to a method for assisting the automated landing of an unmanned aerial vehicle (2) on a target of a landing surface (16) on a ground unit (3). The invention comprises the following steps: determination of an approach vector in the ground unit (3), said vector extending from the target towards the aerial vehicle (2); transmission of the approach vector to the aerial vehicle (2); and steering of the aerial vehicle (2) using the received approach vector.  
(FR) L'invention concerne un procédé d'assistance à l'atterrissage automatisé d'un drone (2) sur un point cible d'une surface d'atterrissage (16) d'une unité au sol (3), ce procédé comportant les étapes consistant à déterminer un vecteur d'approche sur l'unité au sol (3), ce vecteur étant orienté vers le drone (2) à partir du point cible, à envoyer le vecteur d'approche au drone (2) et à commander le drone (2) en fonction du secteur d'approche reçu.



Designated States: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.  
African Regional Intellectual Property Organization (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW)  
Eurasian Patent Organization (AM, AZ, BY, KG, KZ, MD, RU, T, TM)

# TIP 4 National phase information and Examination reports (WIPO CASE Dossier)

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**169. (WO2012065681) AUTOMATED LANDING OF UNMANNED AERIAL VEHICLES**

[PCT Biblio. Data](#) [Description](#) [Claims](#) [National Phase](#) [Notices](#) [Drawings](#) [Documents](#)

Available information on National Phase entries([more information](#))

| Office                 | Entry Date | National Number            | National Status       |
|------------------------|------------|----------------------------|-----------------------|
| European Patent Office | 22.04.2013 | <a href="#">2011775741</a> | Published: 25.09.2013 |

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1. (WO2012065681) AUTOMATED LANDING OF UNMANNED AERIAL VEHICLES

| PCT Biblio. Data   | Description   | Claims     | National Phase | Notices                      | Drawings | Documents |
|--|---|------------|----------------|------------------------------|----------|-----------|
| <b>International Application Status</b>                      |   |            |                |                              |          |           |
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| 10.02.2017   | International Application Status Report   | HTML, PDF  |                | PDF, XML                     |          |           |
| <b>Published International Application</b>                   |   |            |                |                              |          |           |
| Date   | Title   | View       |                | Download                     |          |           |
| 24.05.2012   | Initial Publication without ISR (A2 21/2012)  | PDF (16p.) |                | PDF (16p.), ZIP(XML + TIFFs) |          |           |
| 26.07.2012   | Later publication of international search report (A3 30/2012)   | PDF (6p.)  |                | PDF (6p.), ZIP(XML + TIFFs)  |          |           |
| <b>Search and Examination-Related Documents</b>              |   |            |                |                              |          |           |
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| 21.05.2013   | (IB/373) International Preliminary Report on Patentability Chapter I  | PDF (6p.)  |                | PDF (6p.), ZIP(XML + TIFFs)  |          |           |
| 18.05.2013   | Written Opinion of the International Search Authority   | PDF (5p.)  |                | PDF (5p.), ZIP(XML + TIFFs)  |          |           |
| 18.05.2013   | English Translation of the Written Opinion of the International Search Authority  | PDF (5p.)  |                | PDF (5p.), ZIP(XML + TIFFs)  |          |           |
| 04.06.2012   | Translation of the ISR  | PDF (2p.)  |                | PDF (2p.), ZIP(XML + TIFFs)  |          |           |
| 04.06.2012   | International Search Report   | PDF (3p.)  |                | PDF (3p.), ZIP(XML + TIFFs)  |          |           |
| <b>Related Documents on file at the International Bureau</b> |   |            |                |                              |          |           |
| Date   | Title   | View       |                | Download                     |          |           |
| 21.05.2013   | (IB/326) Notification of Transmittal of Copies of International Preliminary Report on Patentability Chapter I           | PDF (1p.)  |                | PDF (1p.), ZIP(XML + TIFFs)  |          |           |
| 21.05.2013   | (IB/373) English Translation of International Preliminary Report on Patentability Chapter I                             | PDF (6p.)  |                | PDF (6p.), ZIP(XML + TIFFs)  |          |           |
| 12.03.2013   | (IB/308) Notice Informing the Applicant of the Communication of the International Application to the Designated Offices | PDF (1p.)  |                | PDF (1p.), ZIP(XML + TIFFs)  |          |           |
| 17.07.2012   | (IB/311) Notification Concerning Availability of Publication of the International Application                           | PDF (1p.)  |                | PDF (1p.), ZIP(XML + TIFFs)  |          |           |
| 12.06.2012   | (IB/308) Notice Informing the Applicant of the Communication of the International Application to the Designated Offices | PDF (1p.)  |                | PDF (1p.), ZIP(XML + TIFFs)  |          |           |
| 24.05.2012   | (IB/311) Notification Concerning Availability of Publication of the International Application                           | PDF (1p.)  |                | PDF (1p.), ZIP(XML + TIFFs)  |          |           |
| 24.05.2012   | Application Body as Filed   | PDF (15p.) |                | PDF (15p.), ZIP(XML + TIFFs) |          |           |
| 24.05.2012   | (IB/301) Notification of receipt of record copy   | PDF (1p.)  |                | PDF (1p.), ZIP(XML + TIFFs)  |          |           |

# TIP 5 WIPO Translate



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Machine translation

2. (CN204423159) Novel universal obstacle avoiding module for drone

National Biblio. Data Description Claims Drawings Documents

Note: Text based on automatic Optical Character Recognition processes. Please use the PDF version for legal matters

权利要求书

1.一种新型无人机通用避障模块，其特征是，由距离传感器，惯性传感器、单片机以及无线通信模块组成；其连接结构为：距离传感器，惯性传感器、无线通信模块、分别连接单片机；单片机还分别连接无人机飞控、遥控接收机；其中，距离传感器用于探测无人机与障碍物之间的距离，惯性传感器用于补偿因无人机飞行时的倾斜而引起的距离误差，无线通信模块负责传输无人机的飞行状态，单片机用于数据的处理。

Machine translation

-  Wipo Translate
-  Google Translate
-  Bing/Microsoft Translate
-  Baidu Translate

# WIPO launched Neural Machine Translation (AI) for Asian Languages in October 2016

## Access to the world's IP information

Search technology, [terminology](#) and brand-related information in our free global databases. Download our other reference materials: [publications](#), [statistics](#), [economic studies](#) and more.

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58,220,000 international and national patent documents

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[Press release](#) | [Video](#)



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Artificial Intelligence and Robotics ✓ Added

## Patent translator flies artificial intelligence flag for public sector

UN agency outpaces tech groups to develop machine adept with technical language

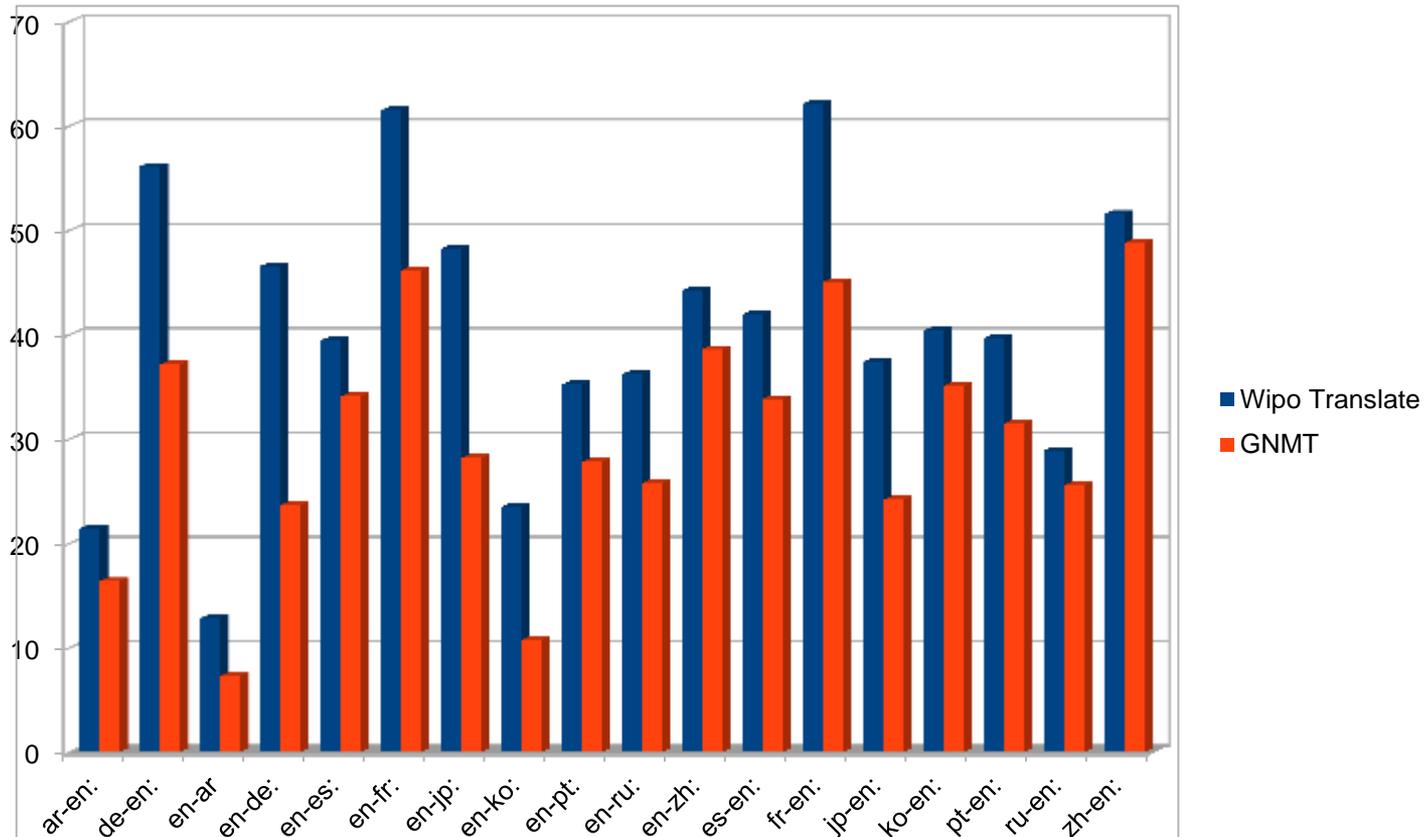
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# WIPO Translate

Competitive translation quality: BLEU scores:



# WIPO Translation beta version Chinese, Japanese - English

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## TRANSLATE

Instant patent translation

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*This beta version WIPO Translate (Chinese to English) is currently being piloted. Please bear with us if you receive any errors related to capacity issues – we're currently working on increasing our server power.*

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- [WIPO Develops Cutting-Edge Translation Tool For Patent Documents](#)

# PATENTSCOPE: learning resources

## Video tutorials



### Tutorials

|   |  |   |
|---|--|---|
| <p><b>1. Introduction</b></p> <p>What is PATENTSCOPE, what is included in the database and how to access it.</p>    | <p><b>2. Browse Option</b></p> <p>In this video, you will learn how to use the "Browse by week", "Sequence listing", "IPC Class Inventory" and the "Regular Patent" options.</p>  | <p><b>3. Simple Search</b></p> <p>The Simple search is the PATENTSCOPE default interface that contains a predefined search field.</p>  |
| <p><b>4. Field Combination</b></p> <p>The Field Combination interface enables you to combine many different predefined search fields. Search using specific search criteria in any of the search fields available.</p>  | <p><b>5. Advanced search</b></p> <p>The Advanced Search interface can be used to create complex search queries using an unlimited number of search terms.</p>                   | <p><b>6. Search result list</b></p> <p>You will learn how to read the search result list.</p>                                        |

## Webinars

### Register for upcoming webinars

- Overview of PATENTSCOPE (February 14 or 16, 2017 )
- Complex queries in PATENTSCOPE (March 14 or 16, 2017)
- Result list and analysis tools in PATENTSCOPE (April 25 or 27, 2017 )
- Cross-lingual Information Retrieval tool (CLIR) in details (May 9 or 11, 2017 )

# The Manual on Open Source Tools for Patent Analytics

- Aimed at exploring:
  - various free and open source tools which could be used for various patent analysis tasks by users in developing countries
  - Includes walkthrough for using selected software for various analytics tasks



<https://wipo-analytics.github.io>

# WIPO Lex

# WIPO Lex – WIPO's IP Laws database

- IP Treaties
- National IP laws and regulations (more than 200 nations)
- Bibliographic data and a brief note of explanation
- Full text in the original language and in English
- Machine translation available
- More than 14,000 records

## WIPO Lex

WIPO Lex is a global database that provides free access to some national laws and treaties on intellectual property (IP) from some countries which are WIPO, WTO or UN Members. The WIPO Lex project was made possible through a common endeavor of the Member States and other relevant bodies who contribute continuously to enriching the collection. WIPO invites Member States and other IP stakeholders to expand and update the content by sending inputs and suggestions through [WIPO-WTO common portal \(IP authorities only\)](#) or through [contact page \(open to all\)](#).

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- > Macao, China (32)
- Colombia (100)
- Comoros (8)
- Cuba (6)

Subject Matter

News on IP Laws

# China

## Decision Amending the Measures on Administrative Enforcement of Patents (issued by Order No. 71 of May 29, 2015, of the State Intellectual Property Office (SIPO))

|                                  |  |
|----------------------------------|--|
| <b>Year of Version:</b>          | 2015   |
| <b>Date of Entry into Force:</b> | July 1, 2015   |
| <b>Date of Text (Issued):</b>    | May 29, 2015   |
| <b>Type of Text:</b>             | Implementing Rules/Regulations   |
| <b>Subject Matter:</b>           | Enforcement of IP and Related Laws, IP Regulatory Body, Patents (Inventions)   |
| <b>Available Texts:</b>          |  |
| <b>Chinese</b>                   | 国家知识产权局关于修改〈专利行政执法办法〉的决定 (经中华人民共和国国家知识产权局局务会于2015年5月29日审议通过, 自2015年7月1日起施行) <a href="#">PDF</a> <a href="#">HTML</a> (Version with Automatic Translation Tool)         |
| <b>Related Legislation:</b>      | <b>Amends</b> <ul style="list-style-type: none"><li>• <a href="#">Measures on Administrative Enforcement of Patents (as amended on July 1, 2015) (CN398)</a></li></ul> |
| <b>WIPO Lex No.:</b>             | CN397  |

WIPO Lex: [Disclaimer and copyright notice](#)

### Shortcuts

[China](#)

# WIPO's Response

- Legal Framework (IP treaties)
- Systems (PCT, Madrid, Hague, AMC)
- Global IP Infrastructure
  - Global IP Data Standardization (IPOs)
  - Global generation of digital IP data (IPOs)
  - Global Databases (IPOs and users)
  - ➔ ■ Global Platforms (IPOs and users)

# Use Global Platforms for Your IP Management

- Save cost of transmission of Priority Documents  
Digital Access System (DAS)
- Investigate competitors' patents  
WIPO CASE (feeding dossier info to PATENTSCOPE)
- Find partners for Green technology  
WIPO GREEN
- Find partners for new bio/medical products  
WIPO RE:SEARCH

**WIPO DAS**  
**(Digital Access System  
for transmitting priority documents)**

# WIPO Digital Access System (DAS)

- DAS (Digital Access System) used by 14 IPOs
- A System that allows IPOs and applicants to securely exchange or submit a digital copy of priority documents to multiple IPOs



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## WIPO Digital Access Service

Starting 30 May 2016, IPONZ users may deposit and retrieve priority documents relating to patent applications via [WIPO's Digital Access Service \(DAS\)](#), an electronic system for the secure exchange of documents between participating intellectual property (IP) offices.

Published on May 30, 2016

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**WIPO**  
WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

Depositing priority documents via WIPO DAS

**WIPO CASE**  
**(Centralized Access to  
Search and Examination)**

# WIPO CASE Membership – Providing Offices

| Providing Offices        | Notes   |
|--------------------------|---|
| Australia                |   |
| Brunei Darussalam        | Final technical preparation                   |
| Canada                   |   |
| Chile                    | Final technical preparation                   |
| China                    |   |
| EPO                      |   |
| Israel                   |   |
| Japan                    |   |
| Republic of Korea        |   |
| IB (PCT)                 | Providing office only, for PCT documentation. |
| United Kingdom           |   |
| United States of America | Initially a providing office only.            |

Over 30 million patent applications searchable in WIPO CASE (access given to participating IPOs only). However, dossier information of EPO, JPO, CIPO are made available at PATENTSCOPE. USPTO, SIPO (China), KIPO (Korea) and IP Australia dossier will be added soon.

# WIPO CASE Membership – Accessing Offices

| Accessing-only Offices              | Notes   | Accessing-only Offices | Notes   |
|-------------------------------------|---|------------------------|---|
| Cambodia                            |   | Papua New Guinea       |   |
| Eurasian Patent Organization (EAPO) |   | Philippines            |   |
| India                               |   | Singapore              | Indicated willingness to become a providing office. |
| Indonesia                           |   | Thailand               |   |
| Lao PDR                             |   | Viet Nam               |   |
| Malaysia                            |   |                        |   |
| Mongolia                            |   |                        |   |
| New Zealand                         | Indicated willingness to become a providing office. |                        |   |

# Recent Usage

- Period: 2016, year to date (to September)
- Total: 27,606 (based on Counts of Accessed Documents)
- Top Offices:

- As Providing Office

| Office          | Recent Usage |                     |
|-----------------|--------------|---------------------|
|                 | Count        | Percentage of Total |
| <b>WO (PCT)</b> | 20896        | 76%                 |
| <b>AU</b>       | 2108         | 8%                  |
| <b>GB</b>       | 1466         | 5%                  |
| <b>CA</b>       | 726          | 3%                  |
| <b>US</b>       | 700          | 3%                  |
| <b>JP</b>       | 663          | 2%                  |
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| <b>IL</b>       | 430          | 2%                  |

- As Accessing Office

| Office    | Recent Usage |                     |
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|           | Count        | Percentage of Total |
| <b>CN</b> | 8214         | 30%                 |
| <b>JP</b> | 7868         | 29%                 |
| <b>KR</b> | 4113         | 15%                 |
| <b>EP</b> | 2213         | 8%                  |
| <b>GB</b> | 1683         | 6%                  |
| <b>PH</b> | 992          | 4%                  |
| <b>AU</b> | 989          | 4%                  |
| <b>CA</b> | 747          | 3%                  |
| <b>ID</b> | 394          | 1%                  |
| <b>NZ</b> | 120          | 0%                  |

# Public Access



Public Users

IP 5 Public Dossier



Patentscope Public Access



## Status

- IP5 “Global Dossier” available to public in EP, JP and US
- Offices allowing public access: IP5, plus WO/PCT, AU, CA (more to confirm soon)
- Public access via Patentscope – First 3 IPOs dossier available at the end of January 2017

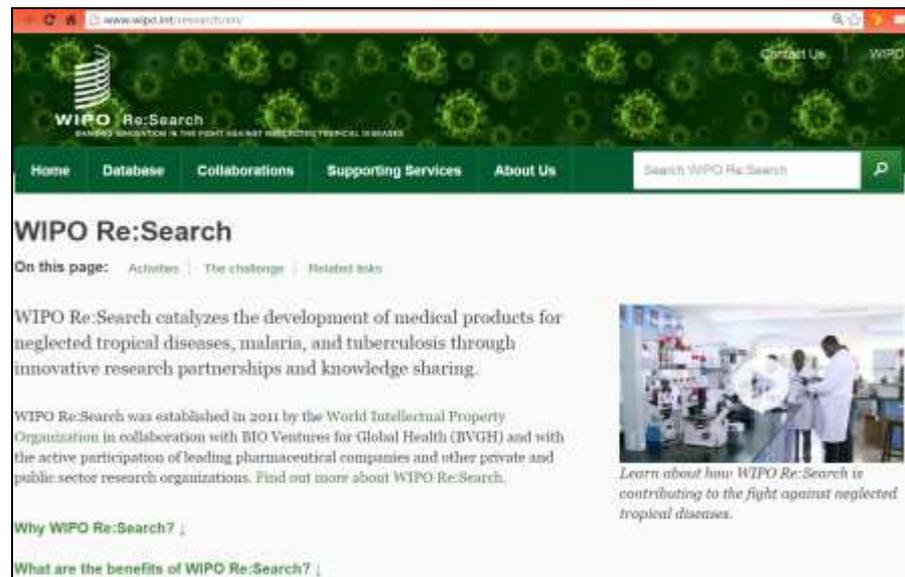
# Multi-stakeholder Platforms

## WIPO GREEN



The screenshot shows the homepage of WIPO GREEN. The header features the WIPO GREEN logo and navigation links: Home, Database, Network, About Us, and Join Us. A search bar is located on the right. The main content area is titled "WIPO GREEN – The Marketplace for Sustainable Technology" and includes a brief description of the platform. Below this, there are three columns: "Database" (describing the search for green technology products), "Network" (describing the network for connecting green technology providers and seekers), and "Join us" (describing the process of joining the WIPO GREEN Partner or User to take full advantage of the range of services). A central image shows two colorful pinwheels.

## WIPO Re:Search



The screenshot shows the homepage of WIPO Re:Search. The header features the WIPO Re:Search logo and navigation links: Home, Database, Collaborations, Supporting Services, and About Us. A search bar is located on the right. The main content area is titled "WIPO Re:Search" and includes a brief description of the platform. Below this, there are three columns: "Database" (describing the search for green technology products), "Network" (describing the network for connecting green technology providers and seekers), and "Join us" (describing the process of joining the WIPO GREEN Partner or User to take full advantage of the range of services). A central image shows two colorful pinwheels.

# WIPO Green



<https://www3.wipo.int/wipogreen>

- The marketplace for sustainable technology: search functionality for technology providers and seekers
- Network of green technologies stakeholders
- Grouped in 9 technology areas

# WIPO Green example: Energy

The screenshot shows the WIPO Green website interface. At the top, there is a navigation bar with links for 'Home', 'Database', 'Network', 'About Us', and 'Join Us'. A search bar is prominently displayed with the text 'Search the WIPO GREEN Database'. To the right of the search bar is a green 'Search' button. Below the search bar, there are two callout boxes: one encouraging users to sign in with their WIPO Account to submit technology or needs, and another providing links to a list of providers/seekers and database FAQs. The main content area shows search results for 'Energy', with 1250 results displayed. A sidebar on the left lists 'All Results' (Technologies: 1220, Needs: 30) and 'All Categories' (Energy: 1250, Solar: 327, Biomass/Bioenergy: 217, Energy efficiency: 152, Energy storage: 149, Energy generation (Others): 134, Fuel cells: 98, Other: 53, Wind: 48, Waste to energy: 35, ICT in energy: 31, Energy distribution: 24). The main content area displays the first result, 'Powerful New Enzyme for Transforming Biomass', with a background section describing the conversion of plant cellulose and hemicellulose into fermentable sugars, and a 'Last updated' date of December 21, 2015, submitted by the Wisconsin Alumni Research Foundation (WARF).

WIPO GREEN  
THE MARKETPLACE FOR SUSTAINABLE TECHNOLOGY

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## Search the WIPO GREEN Database

Enter search terms:

To submit a technology or need, sign in with your WIPO Account.

List of current providers and seekers  
Read the Database FAQs

Results per page: 10

Showing 1-10 of 1250 results > Database Search > Energy

1- 10 | 11- 20 | 21- 30 | 31- 40 | 41- 50 | 51- 60 | 61- 70 | 71- 80 | 81- 90 | 91- 100 | ... | 1241-1250

### Powerful New Enzyme for Transforming Biomass

Background:

Converting plant cellulose and hemicellulose into fermentable sugars is a major bottleneck in the biofuel industry. Chemical pretreatment and enzyme hydrolysis (breakdown) usually are required.

Among chemical pretreatments, ammonia fiber expansion (AFEX) alkaline pretreatment has many advantages.

**Last updated:** December 21, 2015  
**Submitted by:** Wisconsin Alumni Research Foundation (WARF)

### Simplified Daylight Harvesting

# WIPO Re:Search

■ Initiative in the field of neglected diseases, tuberculosis and malaria

■ Includes a database with information on availability of IP rights and other information

■ Based on the principle of voluntary contribution

The screenshot displays the WIPO Re:Search search interface. At the top, there are two tabs: "Structured Search" and "Full Text Search". Below the tabs, the interface is divided into three main sections:

- Provider:** A list of research institutions and organizations, including Aberystwyth University, African Institute of Biomedical Sciences and Technology (AIBST), Alnylam, Caltech, Center for Infectious Disease Research, Center for World Health and Medicine (CWHM), Centre of Excellence for Malaria Diagnosis, University of Lagos, Drugs for Neglected Diseases Initiative (DNDI), Eisai, Eschills Institute, GlaxoSmithKline (GSK), Infectious Disease Research Institute (IDRI), International Center for Genetic Engineering and Biotechnology (ICGEB), International Vaccine Institute (IVI), Kumasi Centre for Research in Tropical Medicine (KCRTM), Liverpool School of Tropical Medicine (LSTM), Massachusetts Institute of Technology (MIT), McGill University (McGill), Medical Research Council of South Africa (MRC), Medicines for Malaria Venture (MMV), Merck (MSD), National Institute of Parasitic Diseases, China, National University of Singapore, NIH (USA), Northeastern University (NEU), Novartis, PATH, and Pfizer.
- Disease:** A dropdown menu with the following options: Unknown or Others, Buruli Ulcer, Chagas disease (American trypanosomiasis), Cysticercosis, Dengue/dengue hemorrhagic fever, Dracunculiasis (guinea-worm disease), Echinococcosis, Endemic treponematoses (Yaws), Foodborne trematode infections (Clonorchiasis, Fascioliasis), and Human African trypanosomiasis.
- Type of data:** A dropdown menu with the following options: Screening - Hits Data, Hit-to-Lead, Lead Series, Pre-Clinical Candidate, Clinical Candidate, Marketed Product, Enabling Technology (platform), Intellectual Property (patents), Formulation, Diagnostic Tool, Vaccine Technology, New Biological Entity, and Other Data, Know-how, Services, Resources.

At the bottom of the interface, there are two buttons: "Search" and "Reset".

# Conclusion

## ■ Global Databases

- Brand DB
- Design DB
- PATENTSCOPE (5 Great TIPs)
- WIPO Lex

## ■ Global Platforms

- DAS
- WIPO CASE
- WIPO GREEN
- WIPO Re:Search

Thank you!  
[yo.takagi@wipo.int](mailto:yo.takagi@wipo.int)