

# **Roving Seminar on WIPO Services and Initiatives**



**Prague, October 17, 2018**

# Introduction to WIPO



Monika Zikova, Program Officer  
Section for Coordination with Developed Countries,  
Department for Transition and Developed Countries



- International intergovernmental organization
- Since 1967
- 191 Member States
- 350 + accredited observers
- 1300 staff from 120 countries
- 26 treaties
- Self-funding



Geneva HQ

New York

Algeria

Nigeria

Russia

China

Japan

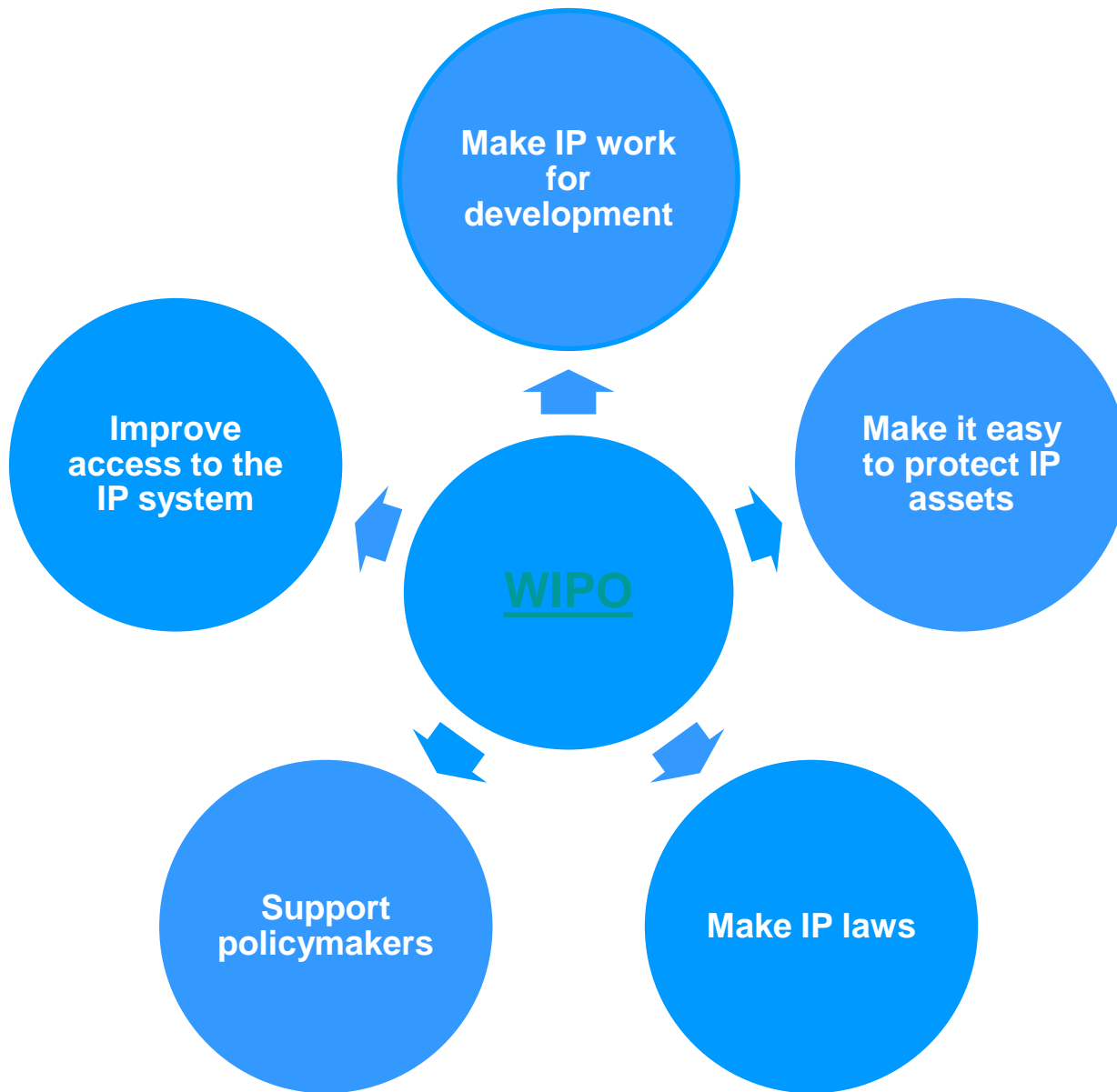
Singapore

Brazil

**WIPO main offices**



We help governments,  
businesses and  
individuals make  
**intellectual property**  
work for **innovation**  
and **creativity**



# Normative Developments

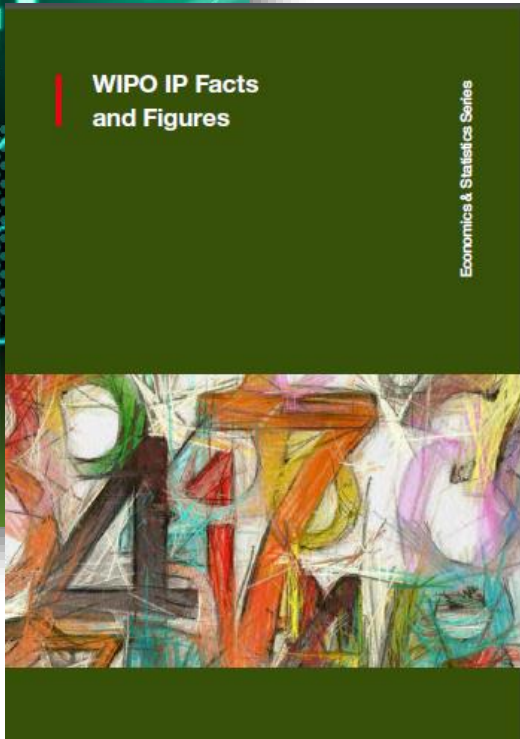
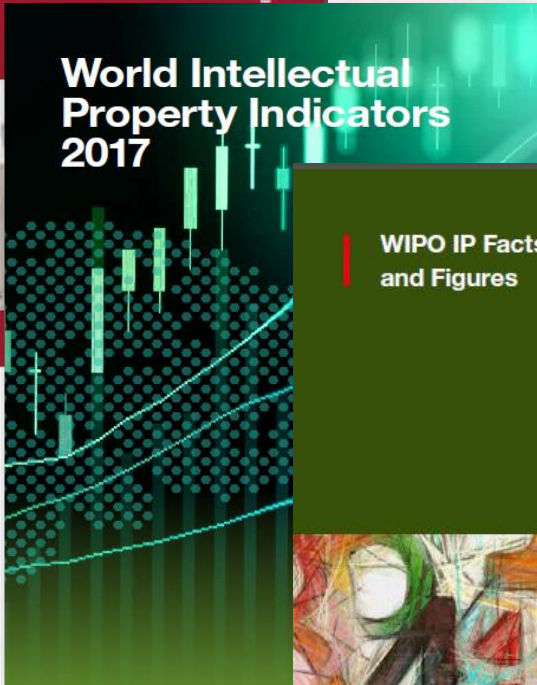




2015



2014





# GLOBAL INNOVATION INDEX 2018

Energizing the World with Innovation



**27<sup>th</sup> globally**



# LEADERS IN INNOVATION

**GLOBAL INNOVATION INDEX 2018** ranks the innovation performance of nearly 130 countries. Each country is scored according to 80 indicators.

## Global Leaders

- 1 SWITZERLAND
- 2 NETHERLANDS
- 3 SWEDEN
- 4 UNITED KINGDOM
- 5 SINGAPORE

## Regional Leaders

### Northern America

- 1 UNITED STATES OF AMERICA
- 2 CANADA

### Latin America and the Caribbean

- 1 CHILE
- 2 COSTA RICA
- 3 MEXICO

### Sub-Saharan Africa

- 1 SOUTH AFRICA
- 2 MAURITIUS
- 3 KENYA

### High income

- 1 SWITZERLAND
- 2 NETHERLANDS
- 3 SWEDEN

### Upper-Middle income

- 1 CHINA
- 2 MALAYSIA
- 3 BULGARIA

### Lower-Middle income

- 1 UKRAINE
- 2 VIET NAM
- 3 MOLDOVA, REPUBLIC OF

### Low income

- 1 TANZANIA, UNITED REPUBLIC OF
- 2 RWANDA
- 3 SENEGAL

### Europe

- 1 SWITZERLAND
- 2 NETHERLANDS
- 3 SWEDEN

### Northern Africa and Western Asia

- 1 ISRAEL
- 2 CYPRUS
- 3 UNITED ARAB EMIRATES

### Central and Southern Asia

- 1 INDIA
- 2 IRAN, ISLAMIC REPUBLIC OF
- 3 KAZAKHSTAN

### South East Asia and Oceania

- 1 SINGAPORE
- 2 KOREA, REPUBLIC OF
- 3 JAPAN

## Income Group Leaders

Output rank	Input rank	Income	Region	Efficiency ratio	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	GII 2017 rank
20	30	High	EUR	17	10.6	372.6	35,512.4	24

	Score/Value	Rank
<b>I</b> <b>Institutions</b> .....	<b>78.5</b>	<b>27</b>
1.1 Political environment.....	76.8	25
1.1.1 Political stability & safety*.....	87.6	16 ●
1.1.2 Government effectiveness*.....	71.4	31
1.2 Regulatory environment.....	76.5	34
1.2.1 Regulatory quality*.....	69.4	33
1.2.2 Rule of law*.....	73.9	26
1.2.3 Cost of redundancy dismissal, salary weeks.....	20.2	77 ○
1.3 Business environment.....	82.1	28
1.3.1 Ease of starting a business*.....	87.4	67
1.3.2 Ease of resolving insolvency*.....	76.7	23

	Score/Value	Rank
<b>HA</b> <b>Human capital &amp; research</b> .....	<b>417</b>	<b>35</b>
2.1 Education.....	52.2	48
2.1.1 Expenditure on education, % GDP.....	4.0	79 ○
2.1.2 Government funding/pupil, secondary, % GDP/cap.....	23.4	33
2.1.3 School life expectancy, years <sup>e)</sup> .....	16.9	19
2.1.4 PISA scales in reading, maths & science.....	490.8	28
2.1.5 Pupil-teacher ratio, secondary <sup>e)</sup> .....	11.5	41
2.2 Tertiary education.....	45.6	24
2.2.1 Tertiary enrolment, % gross <sup>e)</sup> .....	64.5	33
2.2.2 Graduates in science & engineering, % <sup>e)</sup> .....	23.2	40
2.2.3 Tertiary inbound mobility, % <sup>e)</sup> .....	10.5	18
2.3 Research & development (R&D).....	27.4	37
2.3.1 Researchers, FTE/mn pop.....	3,518.8	25
2.3.2 Gross expenditure on R&D, % GDP.....	1.7	21
2.3.3 Global R&D companies, top 3, mn US\$.....	0.0	40 ○
2.3.4 QS university ranking, average score top 3*.....	27.8	42

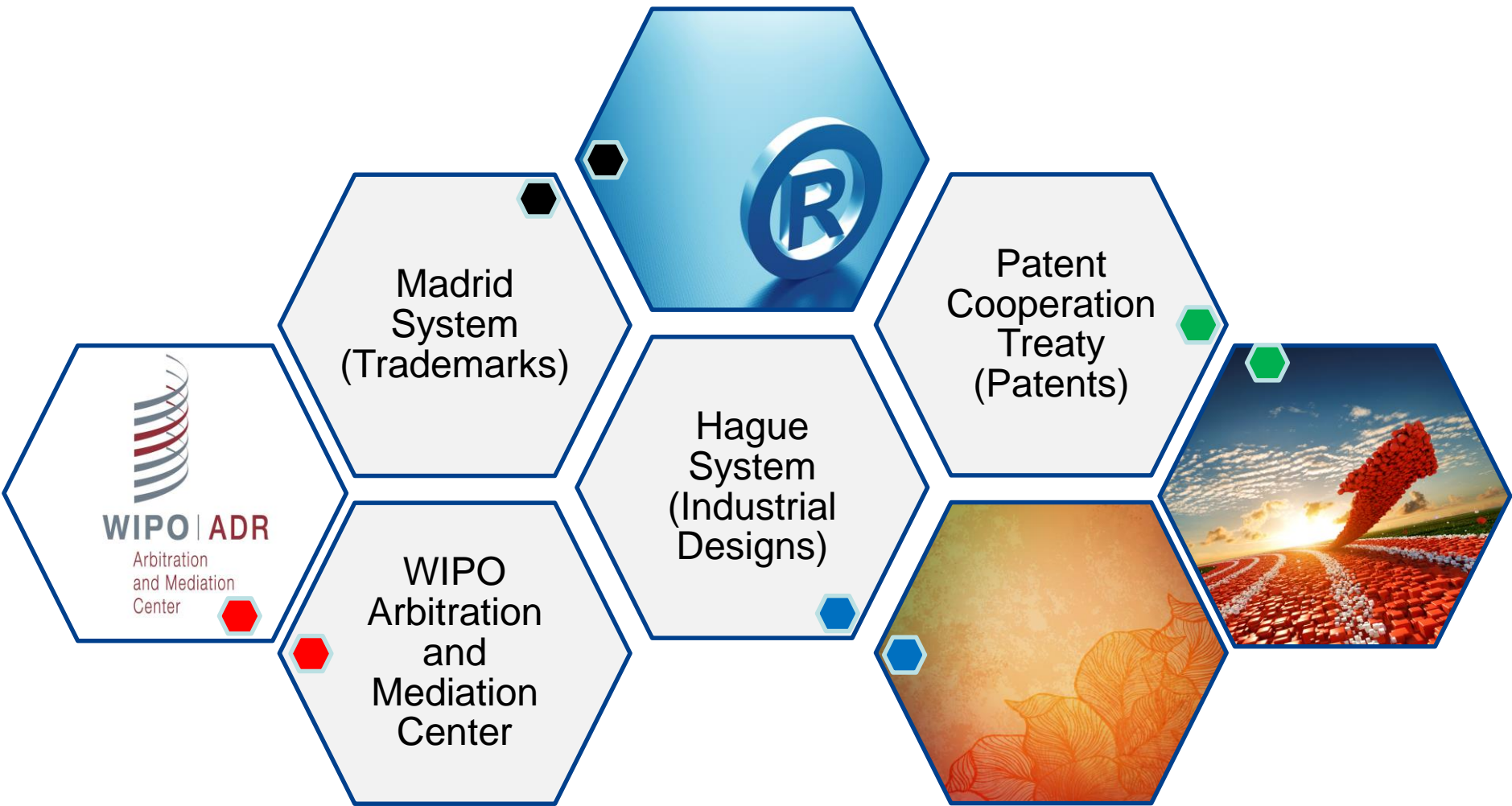
	Score/Value	Rank
<b>✳</b> <b>Infrastructure</b> .....	<b>55.2</b>	<b>31</b>
3.1 Information & communication technologies (ICTs).....	60.3	63 ○
3.1.1 ICT access*.....	71.4	50 ○
3.1.2 ICT use*.....	66.2	35
3.1.3 Government's online service*.....	47.8	88 ○
3.1.4 E-participation*.....	55.9	74 ○
3.2 General infrastructure.....	52.0	24
3.2.1 Electricity output, kWh/cap.....	7,774.6	23
3.2.2 Logistics performance*.....	74.5	25
3.2.3 Gross capital formation, % GDP.....	26.6	29
3.3 Ecological sustainability.....	53.1	15 ●
3.3.1 GDP/unit of energy use.....	7.8	77 ○
3.3.2 Environmental performance*.....	67.7	32
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP.....	11.8	7 ●

	Score/Value	Rank
<b>MA</b> <b>Market sophistication</b> .....	<b>50.3</b>	<b>48</b>
4.1 Credit.....	45.3	40
4.1.1 Ease of getting credit*.....	70.0	38
4.1.2 Domestic credit to private sector, % GDP.....	51.2	67 ○
4.1.3 Microfinance gross loans, % GDP.....	n/a	n/a
4.2 Investment.....	33.9	98 ○
4.2.1 Ease of protecting minority investors*.....	58.3	61 ○
4.2.2 Market capitalization, % GDP <sup>e)</sup> .....	26.9	52 ○
4.2.3 Venture capital deals/bn PPP\$ GDP.....	0.0	46
4.3 Trade, competition, & market scale.....	71.6	27
4.3.1 Applied tariff rate, weighted mean, %.....	1.6	19
4.3.2 Intensity of local competition*.....	79.6	13 ●
4.3.3 Domestic market scale, bn PPP\$.....	372.6	46

	Score/Value	Rank
<b>BA</b> <b>Business sophistication</b> .....	<b>45.7</b>	<b>25</b>
5.1 Knowledge workers.....	53.1	32
5.1.1 Knowledge-intensive employment, %.....	37.8	31
5.1.2 Firms offering formal training, % firms.....	55.1	12 ●
5.1.3 GERD performed by business, % GDP.....	1.0	21
5.1.4 GERD financed by business, %.....	34.5	51
5.1.5 Females employed w/advanced degrees, %.....	11.7	57 ○
5.2 Innovation linkages.....	40.5	34
5.2.1 University/industry research collaboration*.....	47.6	40
5.2.2 State of cluster development*.....	49.0	50
5.2.3 GERD financed by abroad, %.....	32.5	13 ●
5.2.4 JV-strategic alliance deals/bn PPP\$ GDP.....	0.0	81 ○
5.2.5 Patent families 2+ offices/bn PPP\$ GDP.....	0.5	31
5.3 Knowledge absorption.....	43.4	20
5.3.1 Intellectual property payments, % total trade.....	0.8	46
5.3.2 High-tech net imports, % total trade.....	16.6	8 ●
5.3.3 ICT services imports, % total trade.....	1.2	61
5.3.4 FDI net inflows, % GDP.....	2.7	60
5.3.5 Research talent, % in business enterprise.....	51.4	20

	Score/Value	Rank
<b>IB</b> <b>Knowledge &amp; technology outputs</b> .....	<b>42.3</b>	<b>17</b>
6.1 Knowledge creation.....	39.7	21
6.1.1 Patents by origin/bn PPP\$ GDP.....	2.8	35
6.1.2 PCT patents by origin/bn PPP\$ GDP.....	0.5	35
6.1.3 Utility models by origin/bn PPP\$ GDP.....	3.4	7 ●
6.1.4 Scientific & technical articles/bn PPP\$ GDP.....	25.0	17
6.1.5 Citable documents H Index.....	28.2	31
6.2 Knowledge impact.....	54.3	11 ●
6.2.1 Growth rate of PPP\$ GDP/worker, %.....	1.3	49
6.2.2 New businesses/th pop. 15-64.....	4.0	31
6.2.3 Computer software spending, % GDP.....	0.3	34
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP.....	29.9	6 ●
6.2.5 High- & medium-high-tech manufactures, %.....	0.6	7 ●
6.3 Knowledge diffusion.....	33.0	26
6.3.1 Intellectual property receipts, % total trade.....	0.3	33
6.3.2 High-tech net exports, % total trade.....	16.7	6 ●
6.3.3 ICT services exports, % total trade.....	2.1	53
6.3.4 FDI net outflows, % GDP.....	1.4	43

	Score/Value	Rank
<b>IA</b> <b>Creative outputs</b> .....	<b>44.1</b>	<b>25</b>
7.1 Intangible assets.....	49.6	39
7.1.1 Trademarks by origin/bn PPP\$ GDP.....	64.6	29
7.1.2 Industrial designs by origin/bn PPP\$ GDP.....	4.3	31
7.1.3 ICTs & business model creation*.....	68.5	36
7.1.4 ICTs & organizational model creation*.....	64.1	29
7.2 Creative goods & services.....	42.7	11 ●
7.2.1 Cultural & creative services exports, % total trade <sup>e)</sup> .....	0.5	29
7.2.2 National feature films/mn pop. 15-69.....	7.2	22
7.2.3 Entertainment & Media market/th pop. 15-69.....	21.0	26
7.2.4 Printing & other media, % manufacturing <sup>e)</sup> .....	1.0	58 ○
7.2.5 Creative goods exports, % total trade.....	9.9	4 ●
7.3 Online creativity.....	34.5	26
7.3.1 Generic top-level domains (TLDs)/th pop. 15-69.....	16.9	30
7.3.2 Country-code TLDs/th pop. 15-69.....	49.1	15 ●
7.3.3 Wikipedia edits/mn pop. 15-69.....	56.1	18
7.3.4 Mobile app creation/bn PPP\$ GDP.....	34.4	22



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WIPO Magazine

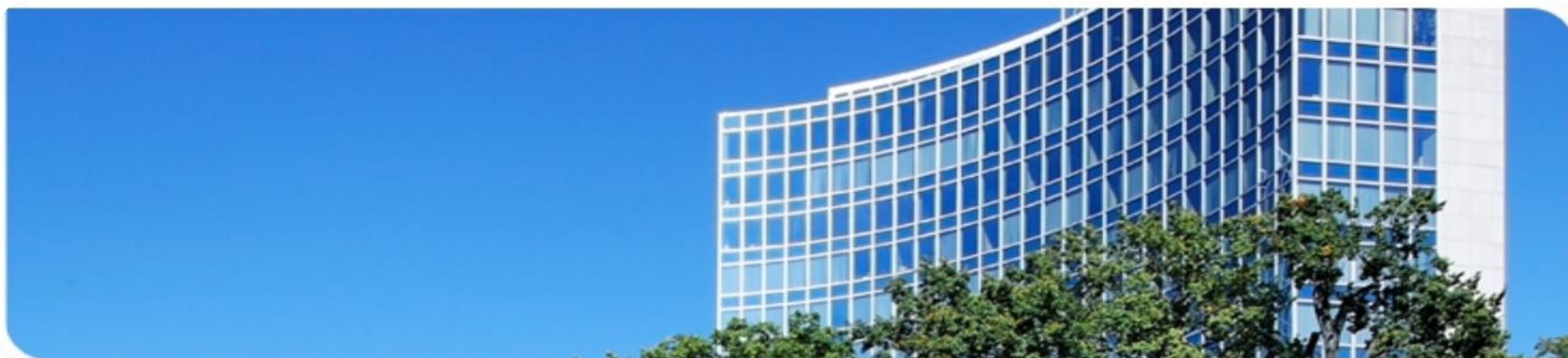
[www.wipo.int/wipo\\_magazine](http://www.wipo.int/wipo_magazine)

WIPO Wire:

[www.wipo.int/newsletters](http://www.wipo.int/newsletters)



# Overview of The Madrid System



Debbie Roenning, Director, Madrid Legal Division,  
The Madrid Registry, Brands and Designs Sector  
World Intellectual Property Organization

# It begins with a trademark and a plan to export...





# Protection options

...Then a choice must be made regarding the best way to protect your trademark/s abroad:

- 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 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

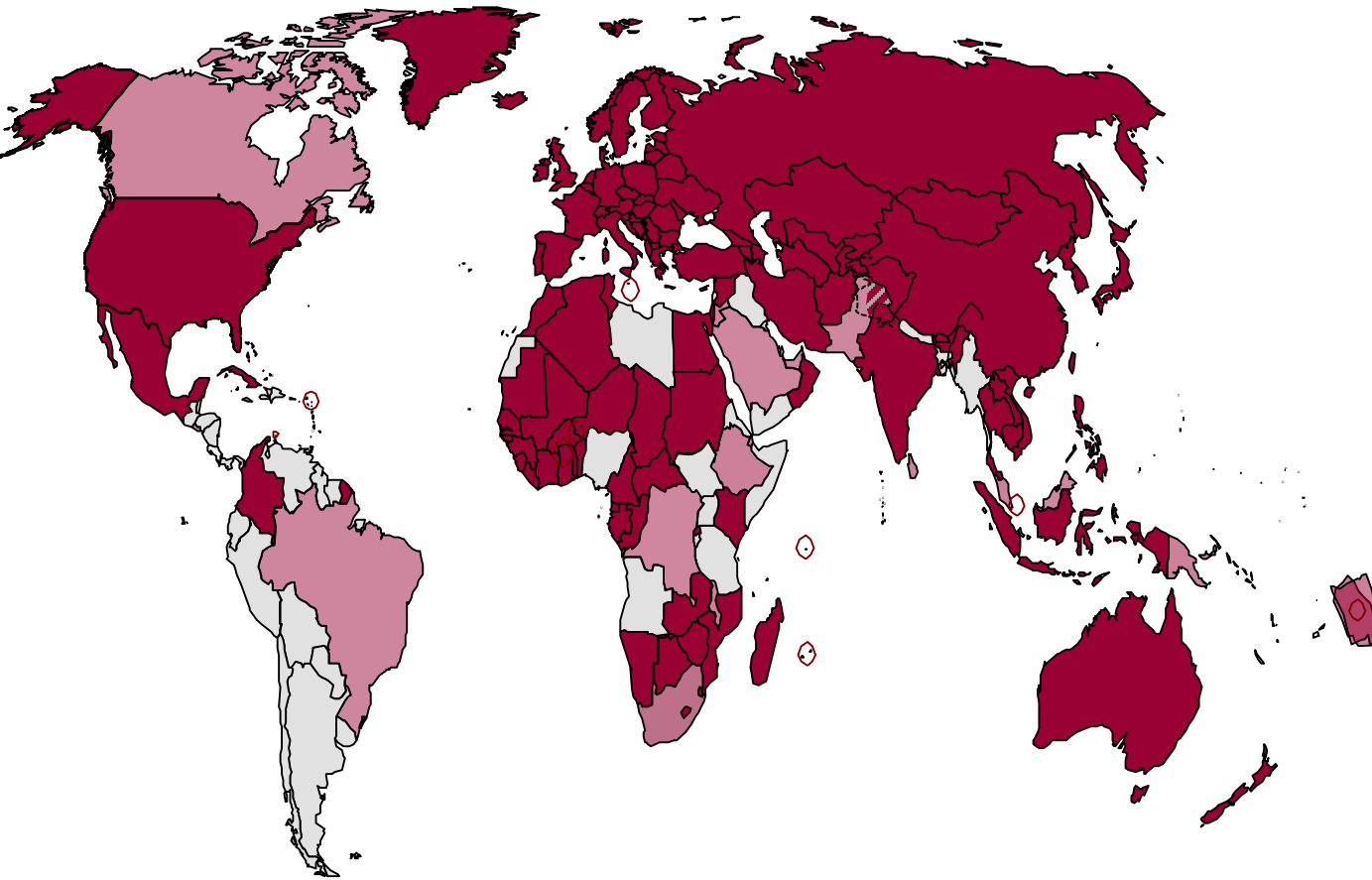
# The Madrid System is cost-effective

- 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 is global

- Currently: 118 countries covered by the 102 members
- Markets that represent more than 80% of world trade
- Recent accessions include:
  - 2016: Brunei Darussalam
  - 2017: Thailand and Indonesia
  - 2018: Islamic Republic of Afghanistan and Malawi

# Accession Outlook 2018 - 2020



**Africa:** Djibouti, Ethiopia, Malawi, Mauritius, Seychelles, South Africa

**Arab region:** Jordan, Saudi Arabia, United Arab Emirates,

**Asia Pacific:** Malaysia, Pakistan, Papua New Guinea, Samoa, Sri Lanka, Bangladesh

**Europe:** Malta

**Latin America and the Caribbean:** Barbados, Brazil, El Salvador, Jamaica, Trinidad and Tobago

**North America:** Canada

**123 members\* (including EU and OAPI)  
covering 139 countries**

# Key features

- Entitlement to use the Madrid System
- Indirect filing of international application
- WIPO collects fees and distributes to the members
- Designated members determine scope of protection in accordance with their domestic legislation
- Fixed time limit to issue provisional refusals – 12/18 months
- Possible to expand geographical scope of protection later
- Centralized management of portfolio

# How the Madrid System works

## The International Trademark Registration Process



# Costs

Fees are payable to WIPO in Swiss francs:

- Basic fee\*

- 653 Swiss francs – b/w reproduction of mark
- 903 Swiss francs – color reproduction of mark

- Fees for designated members

- Standard fees (100 Swiss francs per designated member and 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

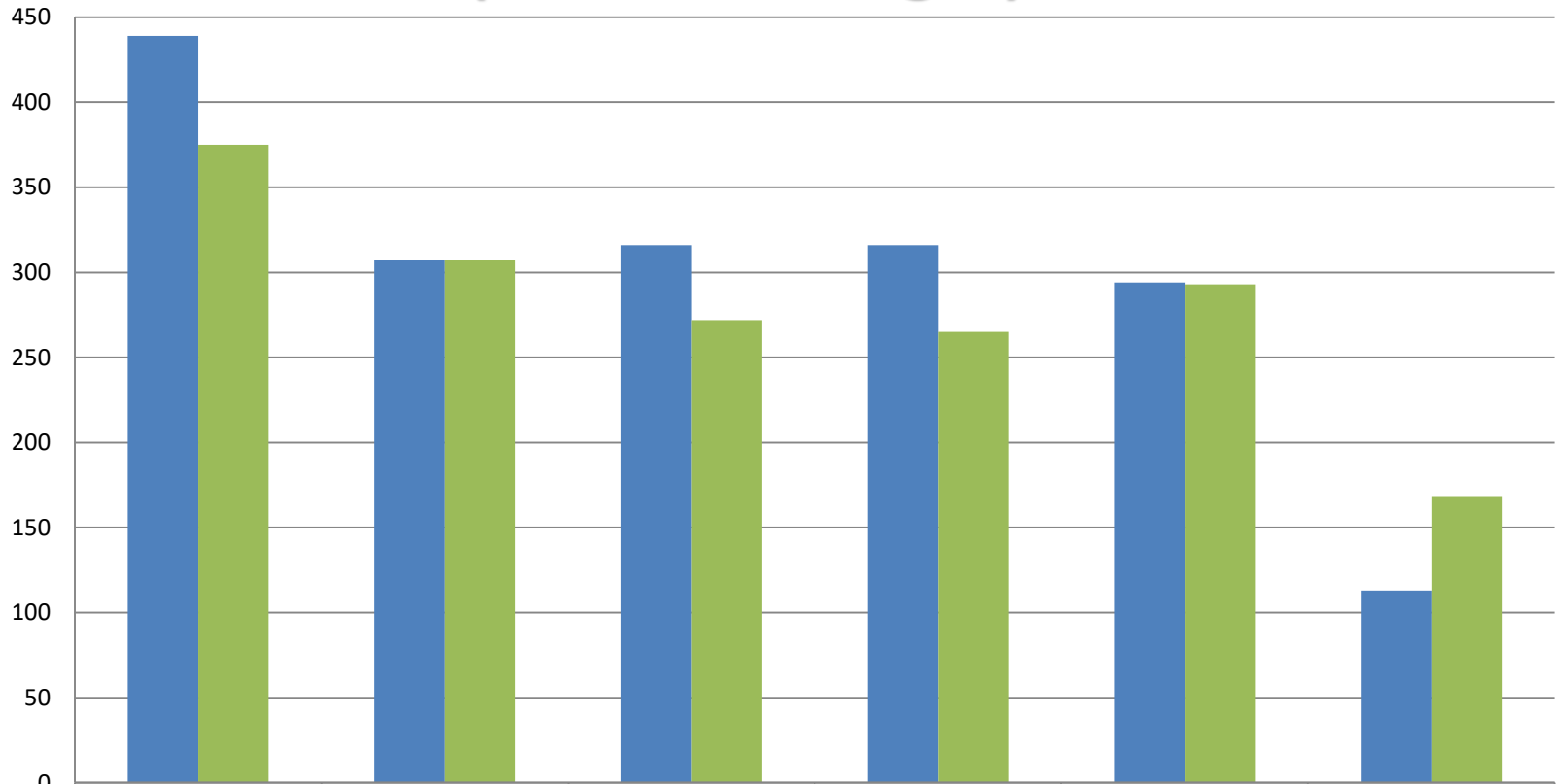


# General profile

## International Registrations

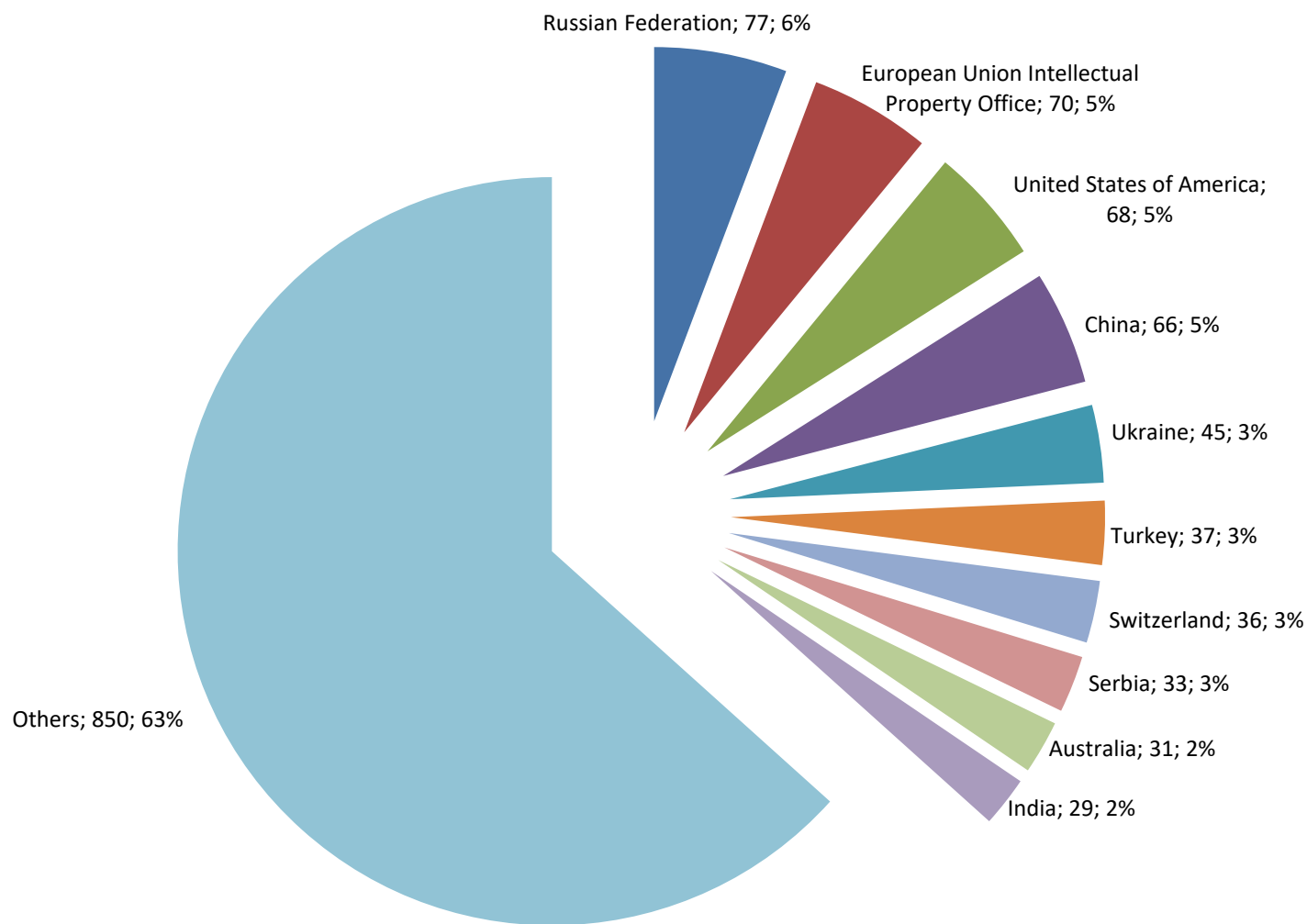
Average Number of Designations	6.7
Average Number of Classes	2.47
Average Fee	CHF 2,968
All Fees	70% < CHF 3,000

# International Applications / Registrations: Czech Republic (Office of origin)

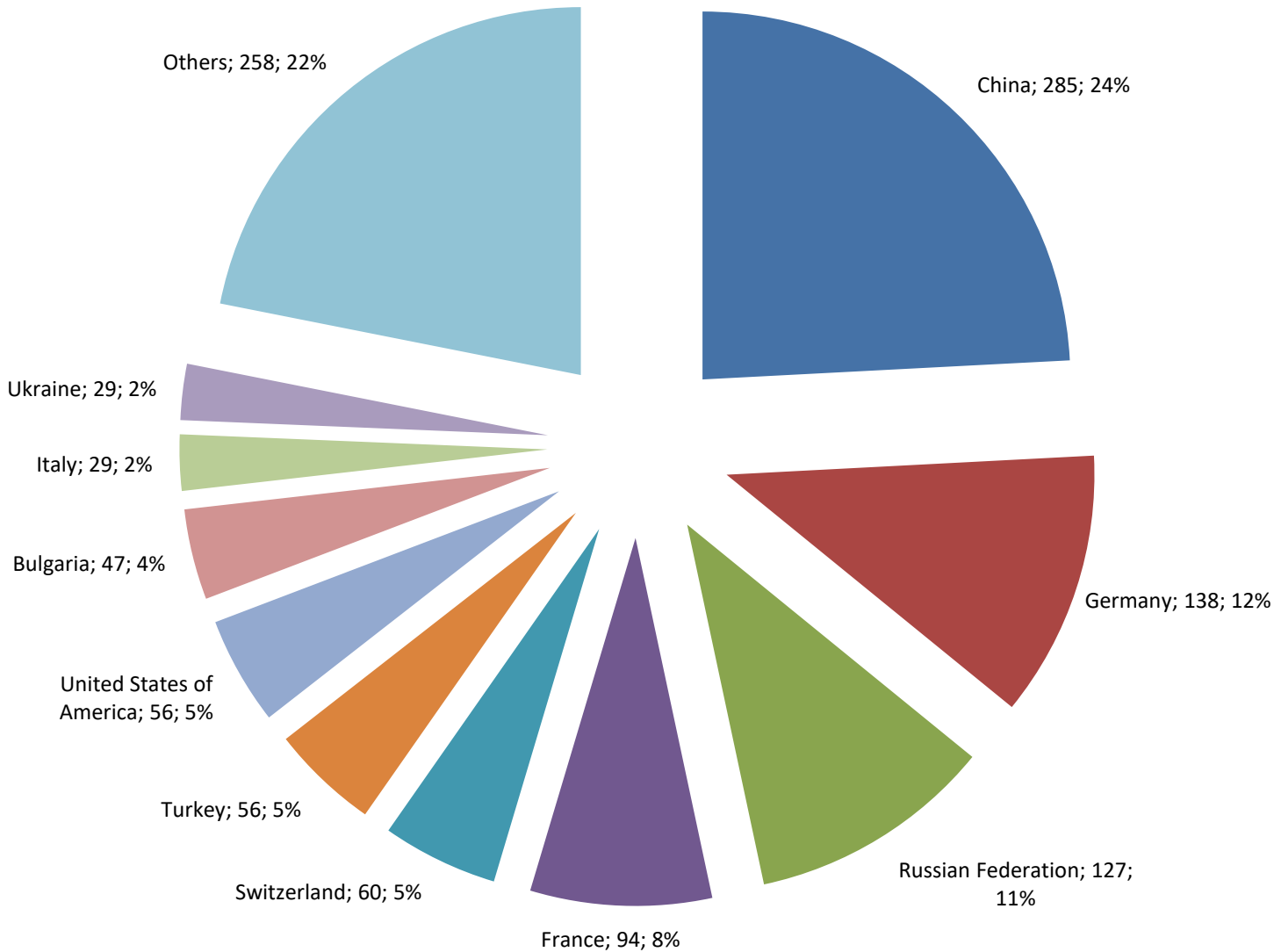


	2013	2014	2015	2016	2017	2018
■ Applications	439	307	316	316	294	113
■ Registrations	375	307	272	265	293	168

# Top designated Contracting Parties: Czech Republic holders

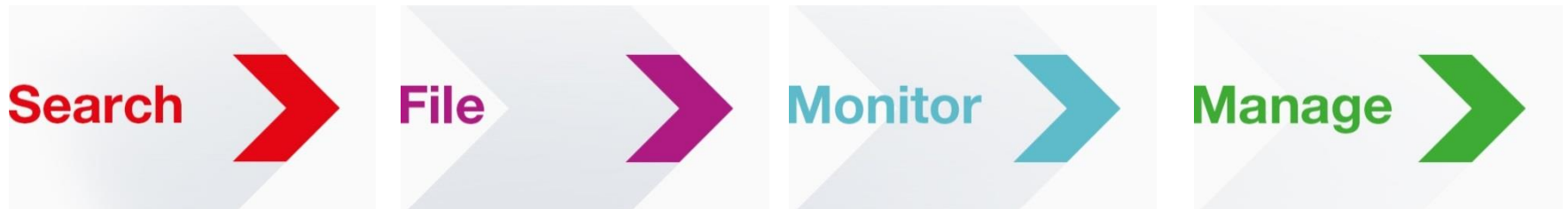


# Designations of Czech Republic



# Website and E-Services

- The Madrid Website provides information on how to [search before filing](#), [file an application](#), [monitor](#) and [manage registrations](#), and [how to pay](#) fees
- [Madrid E-Services](#) are available to assist users at each stage of their mark's lifecycle



# E-Services

**Search**



**File**



**Monitor**



**Manage**



## Global Brand Database

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

## Madrid Goods & Services Manager

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

## Member Profiles Database

## Fee Calculator

## Madrid Monitor

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

## Madrid Portfolio Manager

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

# Keep updated on the Madrid System

- Visit the Madrid Website [www.wipo.int/madrid/en](http://www.wipo.int/madrid/en)
- Register to free [Madrid Webinars](#)
- Subscribe to [Madrid Notices](#), our legal and news updates
- Sign up for [Madrid Highlights](#)
- [Contact Madrid](#) for questions



# Overview of The Hague System



Debbie Roenning, Director, Madrid Legal Division,  
The Madrid Registry, Brands and Designs Sector  
World Intellectual Property Organization

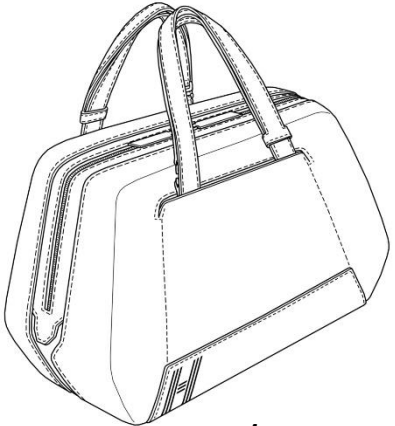


# Industrial designs



DM/099943

SOCIÉTÉ NOUVELLE ROSSIGNOL



DM/101755  
HERMES SELLIER

1.1



DM/101165

SAMSUNG ELECTRONICS CO.,LTD.



DM/100835

HERIS SERAMIK VE TURIZM SANAYI A.S.



DM/101844

LENTO OBJEKT  
GMBH

# Czech designs in the Hague System

1.1



1



1.1



1.1



1.1

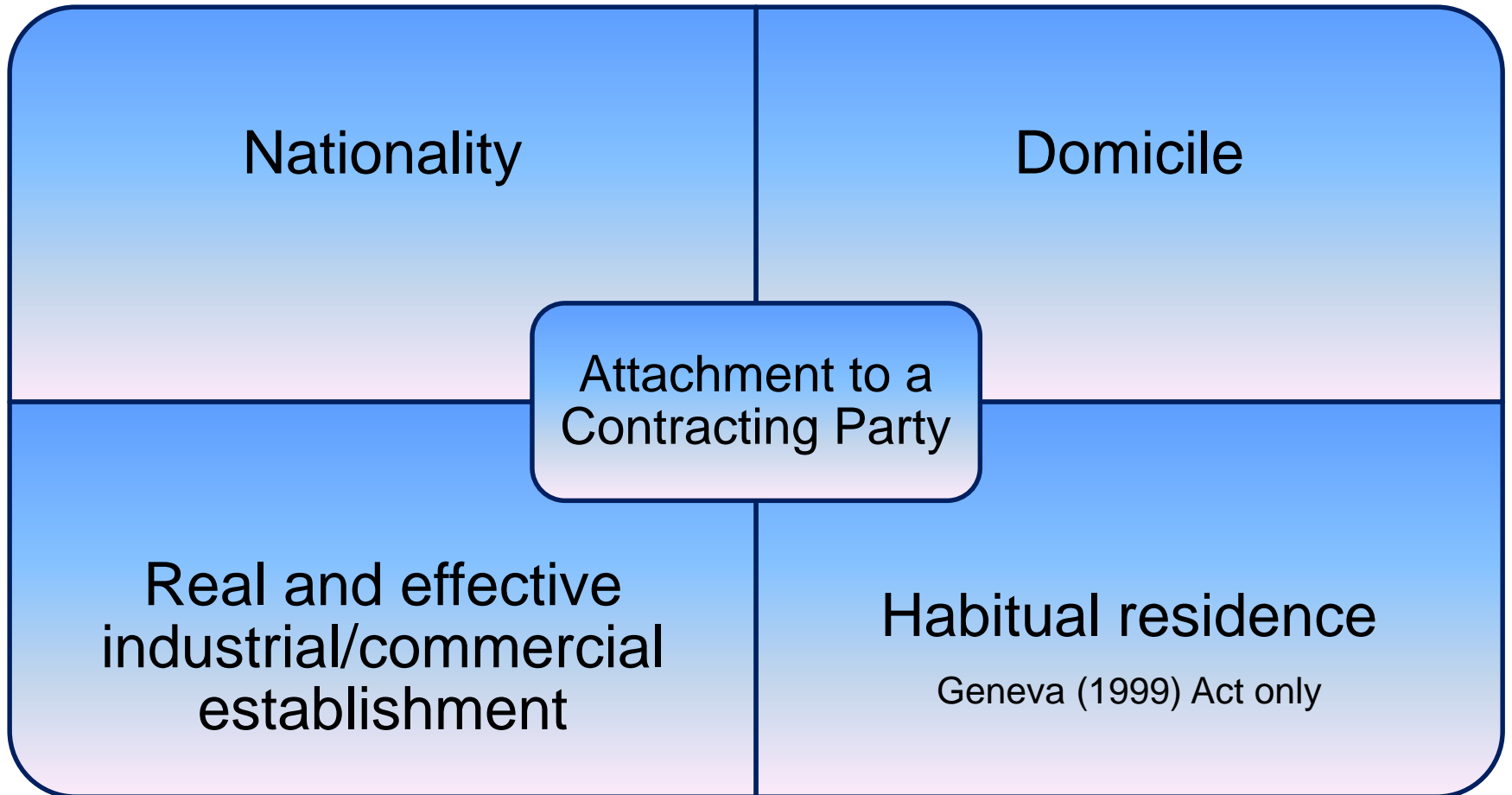


# A simple but timeless concept

The centralized acquisition and maintenance of industrial design rights by filing a single international application for a single international registration with effect in one or more designated Contracting Parties

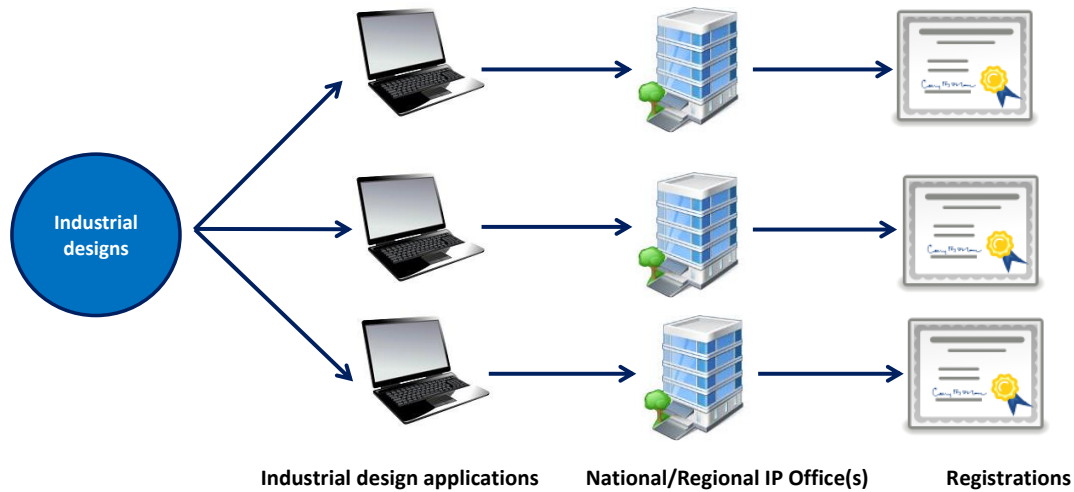


# Who can use the System?



# Independent filings vs. Hague System

## Direct/Paris Route



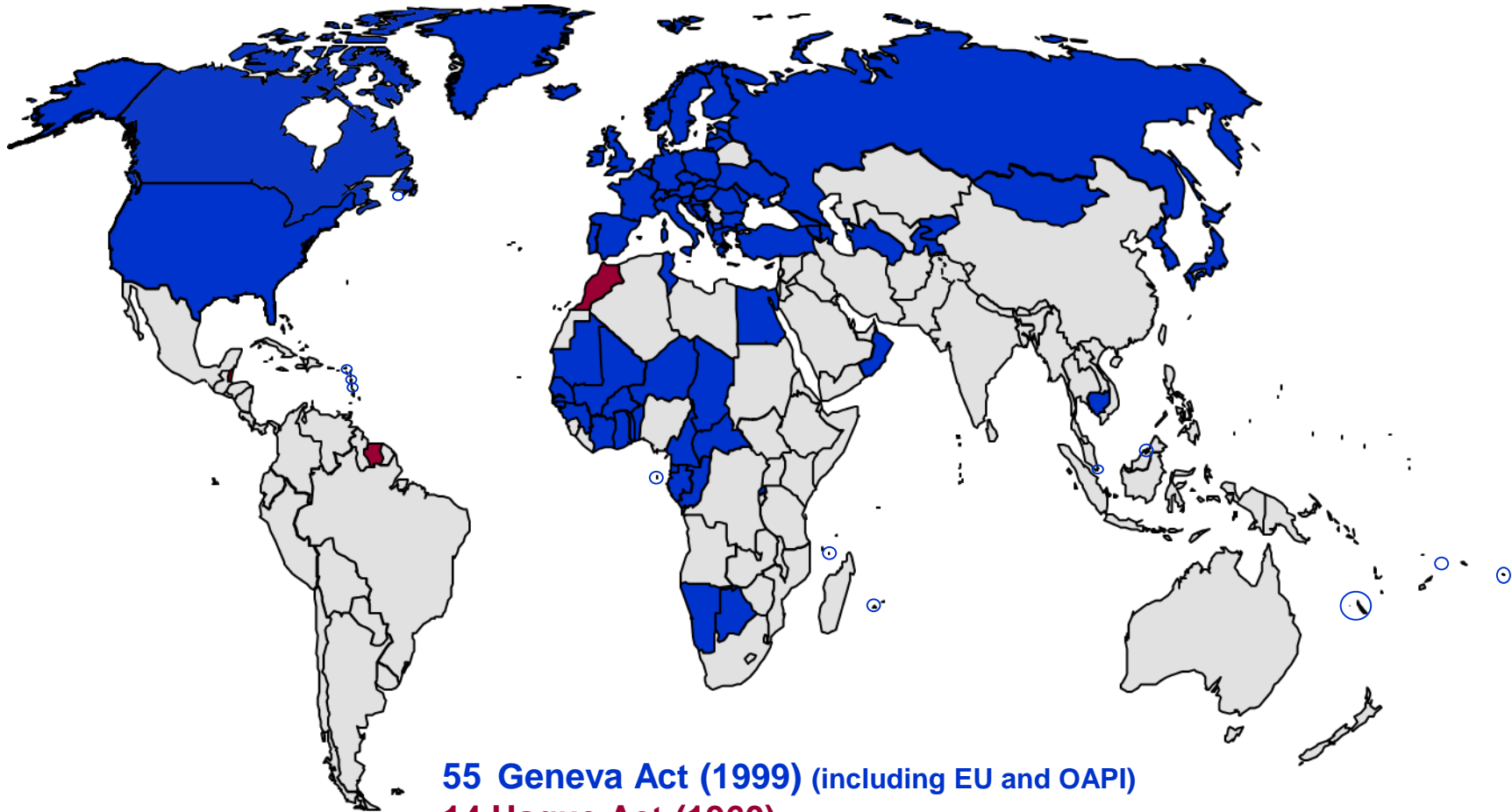
## The Hague System



# Key features

- Entitlement to use the Hauge System
- Direct filing of international application
- One application can contain 100 designs
- WIPO collects fees and distributes to the members
- Designated members determine scope of protection in accordance with their domestic legislation
- Fixed time limit to issue provisional refusals – 6/12 months
- 5 year protection renewable twice = 15 years protection
- Centralized management of portfolio

# Hague Union



**55 Geneva Act (1999) (including EU and OAPI)**

**14 Hague Act (1960)**

**69 Contracting Parties<sup>1</sup>**

**WIPO**  
WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

1. Entry into force (Canada): November 5, 2018

# Geneva Act (1999)

## Recent Accessions



Benelux Union \*  
(September 18, 2018)



Canada \*  
(July 16, 2018)



United Kingdom  
(March 13, 2018)



Russian Federation  
(November 30, 2017)



The Kingdom of Cambodia  
(November 25, 2016)



D.P.R. of Korea  
(June 13, 2016)



United States of America  
(February 13, 2015)



Japan  
(February 13, 2015)



Republic of Korea  
(March 31, 2014)

- \* Benelux since December 18, 2018
- \* Entry into force (Canada): November 5, 2018

## Potential Accessions



China



Morocco



ASEAN countries



Israel



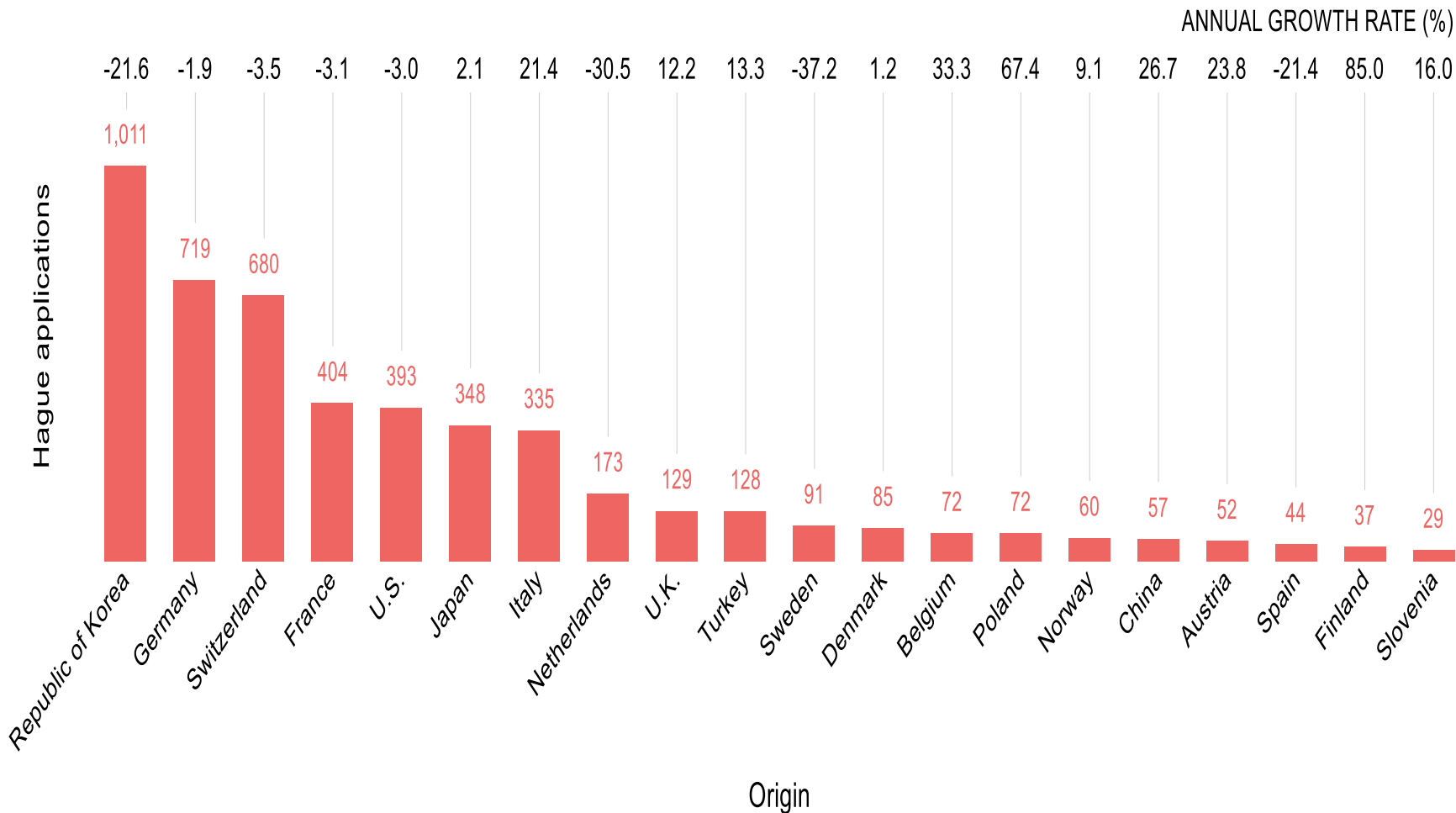
Mexico



Madagascar

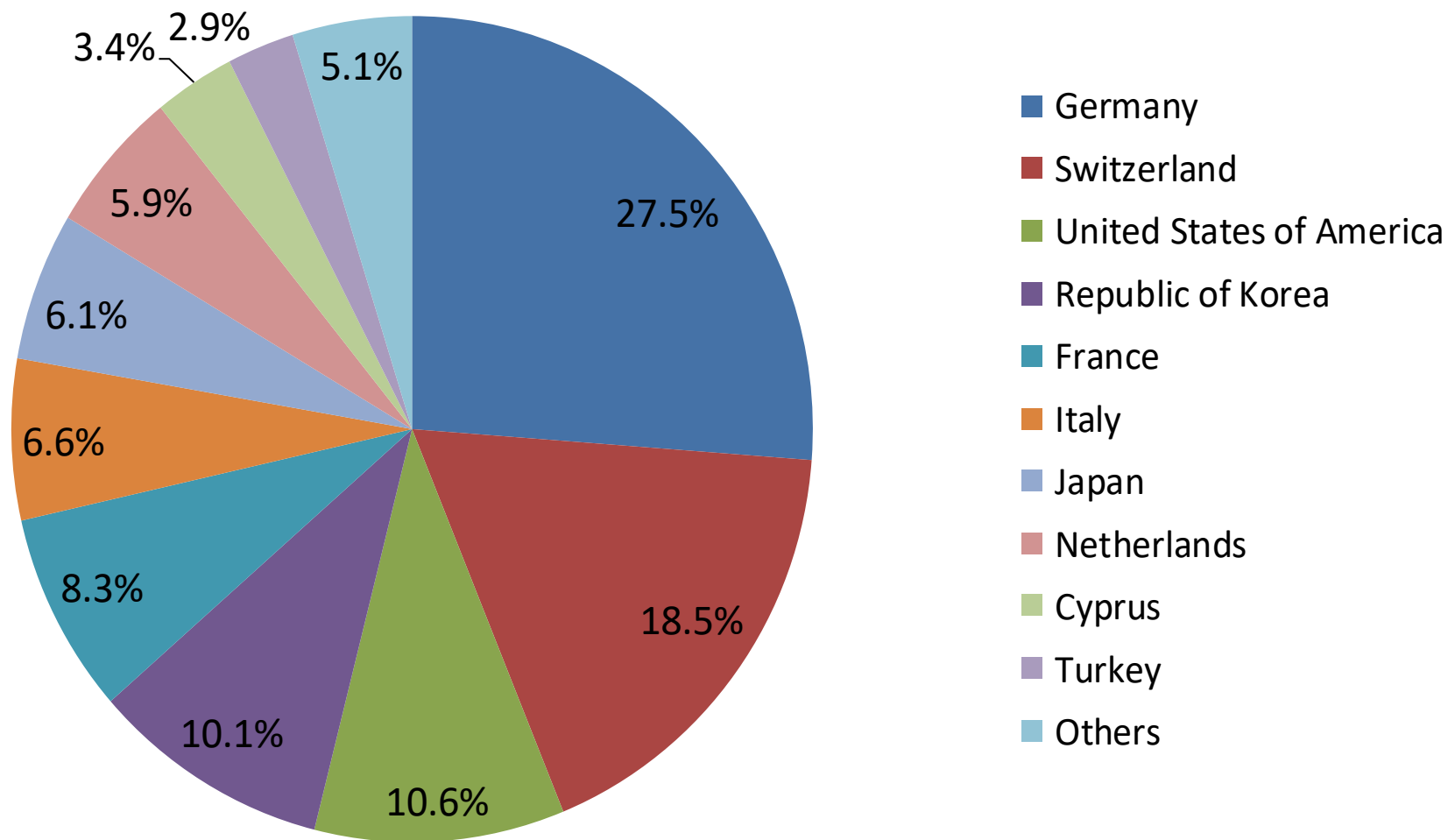


# International applications in 2017 by country of the applicant

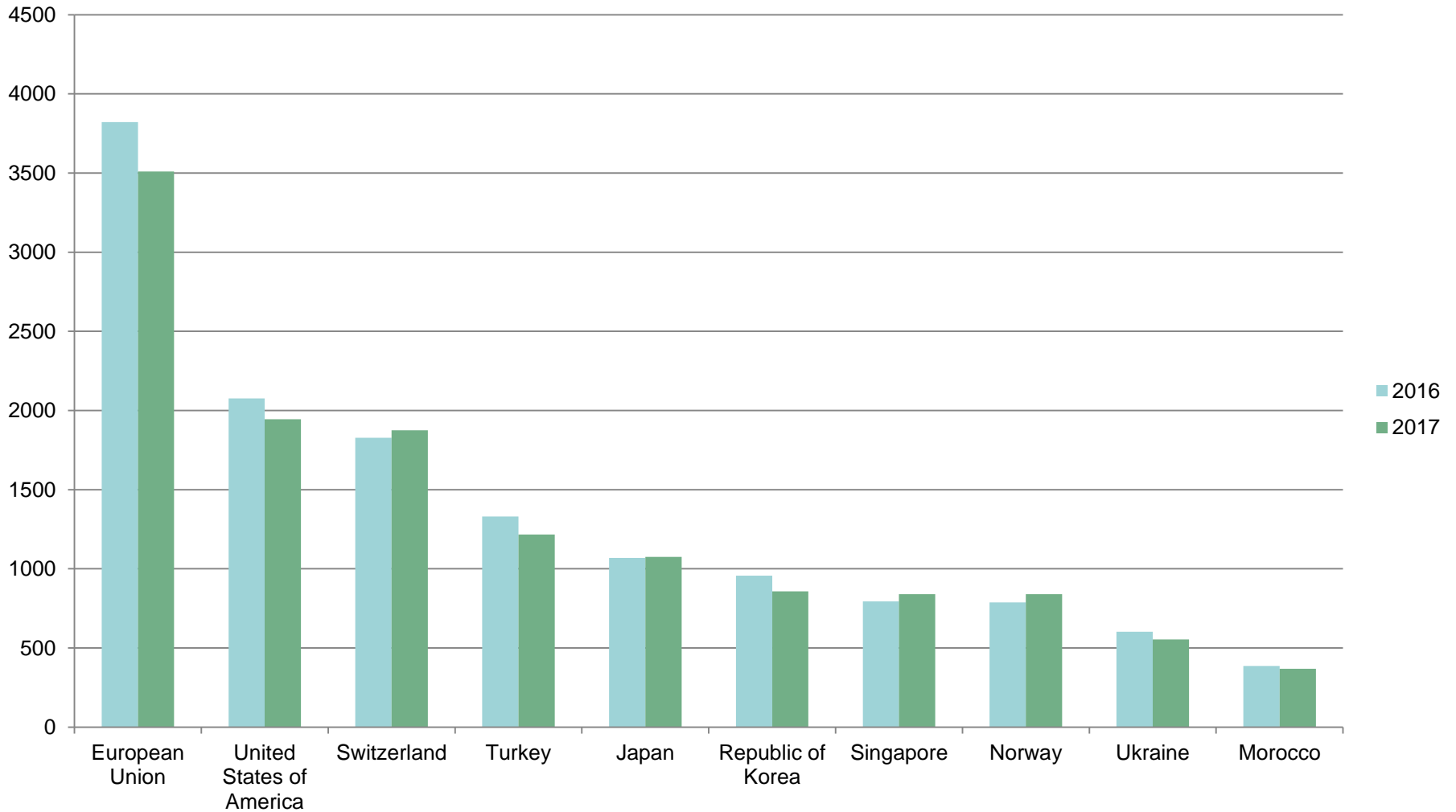


Source: WIPO Statistics Database, May 2018.

# Origin of holders per designs in IR - 2017




# Most designated Contracting Parties: 2017



# Website and E-services

- The Hague website provides information on industrial designs - <http://www.wipo.int/hague/en/>
  - Forms with E-filing tutorials
  - Fee Calculator
  - Guide for Users
  - International Designs Bulletin
  - The Hague Express Database
  - Global Designs Database
  - Contact Hague Form
  - Hague Member Profiles Database

# Guide for Users



The image is a screenshot of a web browser displaying the WIPO Guide for Users page. The browser's address bar shows the URL [www.wipo.int/hague/en/guide/](http://www.wipo.int/hague/en/guide/). The page features a dark blue navigation bar with links for IP Services, Policy, Cooperation, Knowledge, About IP, and Inside WIPO, along with a search box labeled "Search WIPO". Below the navigation bar, a breadcrumb trail reads "Home > IP Services > Hague System > Hague Guide". The main content area is titled "Guide for Users" and includes a sub-heading "Latest revision: July 2017". The text describes the guide as a comprehensive point of reference on the entire Hague System. A callout box on the right, titled "Too much detail?", offers quick-reference resources such as "How to file your application (step-by-step tutorial)", "How to manage your Hague System registration", and "How to search designs registered under the Hague System". At the bottom, there is a section for "Introduction" with a list of links and a heading for "The international procedure (1960 and 1999 Acts)".

File Edit View History Bookmarks Tools Help

Guide for Users

www.wipo.int/hague/en/guide/ Search

Most Visited WIPO - World Intellect... Getting Started Web Slice Gallery

IP Services Policy Cooperation Knowledge About IP Inside WIPO Search WIPO

Home > IP Services > Hague System > Hague Guide

## Guide for Users

**Latest revision: July 2017**

The Guide serves as a comprehensive point of reference on the entire [Hague System](#).

Within the Guide you will find background information on, and descriptions of, Hague System procedures and requirements, all accompanied by the relevant legal references.

- Download the whole Guide as one convenient PDF file [PDF](#)

**Too much detail?**

We have produced a number of complementary, quick-reference resources to help you with specific parts of the Hague System:

- [How to file your application \(step-by-step tutorial\)](#)
- [How to manage your Hague System registration](#)
- [How to search designs registered under the Hague System](#)

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### Introduction

- [The Hague System: general overview](#)
- [Advantages of the System](#)
- [Becoming party to the Hague Agreement](#)
- [Declarations by Contracting Parties](#)
- [How to search the International Register](#)

### The international procedure (1960 and 1999 Acts)

Home › IP Services › Hague System

## WIPO | HAGUE

### Hague – The International Design System

The Hague System for the International Registration of Industrial Designs provides a practical business solution for registering up to 100 designs in over 68 contracting parties through filing one single international application.


#### Find out more

- [What is an industrial design?](#)
- [Main features and advantages](#)
- [Legal framework](#)
- [Frequently asked questions](#)
- [Guidance on reproductions](#) [PDF](#)



Guidance on preparing and providing reproductions to avoid possible refusals

FEATURED



Case study: "Reinventing the Frame, Challenging the Status Quo". (Photo: Jeff Harris/Artmix; RoundTAIL)

# International Designs Bulletin

## International Designs Bulletin

The Bulletin is the official publication of the Hague System. It contains data regarding new international registrations, renewals, and modifications affecting existing international registrations.

Publication Year  Bulletin No. - Publication date

Recording Type

Query

	<input type="text" value="Registration Number"/>	=	<input type="text"/>
AND	<input type="text" value="International Registration Date"/>	=	<input type="text"/>
AND	<input type="text" value="Priority Data"/>	=	<input type="text"/>
AND	<input type="text" value="Locarno Classification"/>	=	<input type="text"/>
AND	<input type="text" value="Indication of Products"/>	=	<input type="text"/>
AND	<input type="text" value="Holder"/>	=	<input type="text"/>
AND	<input type="text" value="Designated Contracting Parties"/>	=	<input type="text"/>

### Shortcuts

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[Country Codes \(ST.3\) PDF](#)

[INID Codes \(ST.8o\) PDF](#)

[Locarno classification](#)

# Hague Express Database

searches ▾ records ▾ help

## Hague Express

The Hague Express Database, updated weekly, includes bibliographical data and, as far as international registrations governed exclusively or partly by the 1999 and/or by the 1960 Act(s) of the Hague Agreement are concerned, reproductions of industrial designs relating to published bearing a registration date as from January 3, 1985. International registrations that have lapsed are not removed from the database.

### SEARCH BY

Design Names Numbers Dates Country

Indication of Products ▾ =

Locarno Class =

Description ▾ =

search 🔍

### FILTER BY

Designation Locarno Class Reg. Year \* Contracting Party \* Exp

CH	70,792	BE	57,150	LU	57,147	NL	57,143	BX	57,141
FR	55,684	DE	55,343	IT	51,383	ES	37,926	EG	36,079
TN	35,891	MA	32,706	ID	31,029	VA	29,879	AN	28,012
MC	22,792	LI	22,146	EM	22,076	HU	15,228	TR	11,760
GR	11,673	RO	9,249	SI	9,211	ME	8,271	UA	8,130
RS	8,000	MK	8,000	KP	7,741	DD	7,357	SG	7,304
MD	7,218	VN	6,291	NO	5,524	BG	5,284	US	5,276
MN	4,619	SN	4,589	SR	4,480	HR	4,467	BJ	3,832

Display: List ▾

Sort: Count - desc ▾

filter ▾

1 - 10 / 96,760

edit columns ↔

10 ▾

per page

1

/ 9,676

	Reg. No	Holder	Reg. Date	Locarno Cl	Ind. Prod.	Designations	Image
<input type="checkbox"/>	DM/101769	NIKON CORPORATION	2018-06-25	16-06	1. Camera lens	EM	
<input type="checkbox"/>	DM/101755	HERMES SELLIER (SOCIÉTÉ PAR ACTIONS SIMPLIFIÉE)	2018-06-22	03-01	1. Handbag	MA,CH,EG,EM,JP,KF	
<input type="checkbox"/>	DM/101718	HERMES SELLIER (SOCIÉTÉ PAR ACTIONS SIMPLIFIÉE)	2018-06-21	03-01	1. Bag	MA,CH,EG,EM,JP,KF	

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# Global Design Database

WIPO  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Home Knowledge Global Design Database

Global Design Database A world-wide collection of industrial designs data; including WIPO Hague registrations and information from participating national offices.  
[Join us on September 19 for a free webinar](#)

SEARCH BY Design Names Numbers Dates Country

Indication of Products =

Design class =

Description =

search

FILTER BY Source Designation Locarno Class Reg. Year

CA Designs	169,097	DE Designs	1,134,668	ES Designs	416,319	FR Designs	753,687
GE Designs	2,384	JP Designs	561,031	JO Designs	2,193	MN Designs	2,663
NZ Designs	48,394	US Designs	824,244	ID Designs	56,693	EM Designs	1,158,048
WO Designs	97,394						

Display: List Sort: Value - asc filter

41 - 50 / 5,226,815

Display: 10 per page options

Sort by Reg. Date - desc

<input type="checkbox"/>	NZID 423039 NECK COLLAR 2018-08-14 Q30 Sports Science, LLC	
<input type="checkbox"/>	USID D0825783 Architecture member 2018-08-14 NISSHIN STEEL CO., LTD.	
<input type="checkbox"/>	USID D0825213 Chaise longue 2018-08-14 SANTA & COLE NEOSERIES S.L.	
<input type="checkbox"/>	USID D0825214 Armchair 2018-08-14 SANTA & COLE NEOSERIES S.L.	

100%

<http://www.wipo.int/designdb/en/index.jsp>

# Patent Cooperation Treaty (PCT) Introduction and Future Developments



Taegeun Kim  
Legal Officer  
PCT Legal and User Relations Division  
Patents and Technology Sector

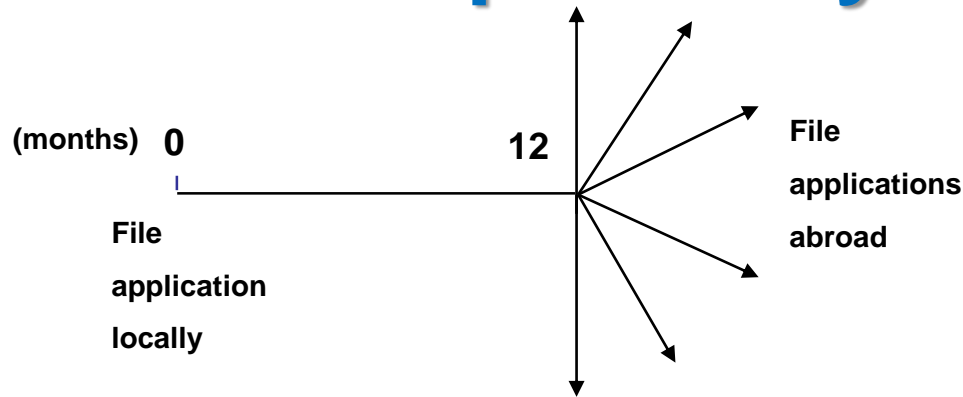


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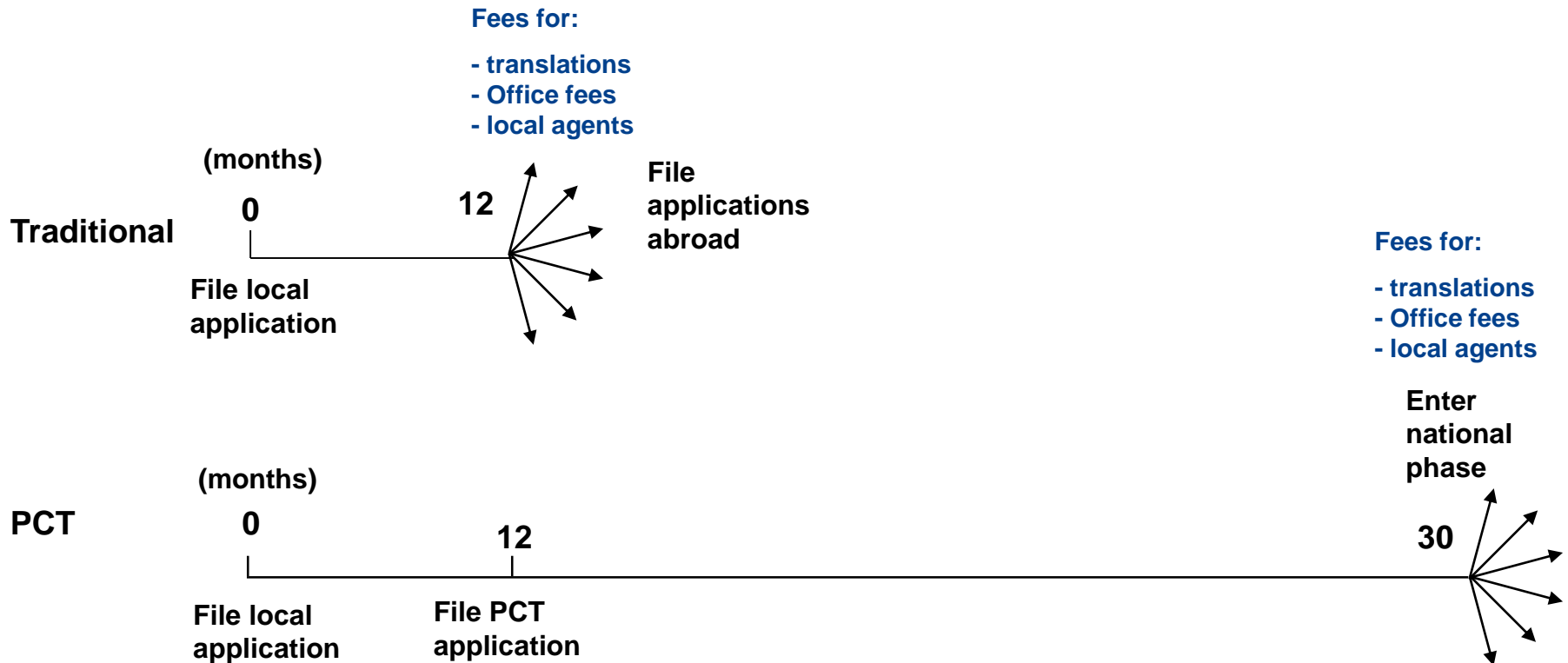
# **Introduction to the PCT System**

# Traditional patent systems



- 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

# Traditional patent system vs. PCT system



# PCT system

Local patent application followed within 12 months by international application under the PCT, claiming Paris Convention priority, with “national phase” commencing at 30 months\*:

- one set of formality requirements
- international search
- international publication
- international preliminary examination
- international application can be put in order before national phase
- translations and national fees required at 30 months,\* and only if applicant wishes to proceed

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

# General remarks on the PCT system (1)

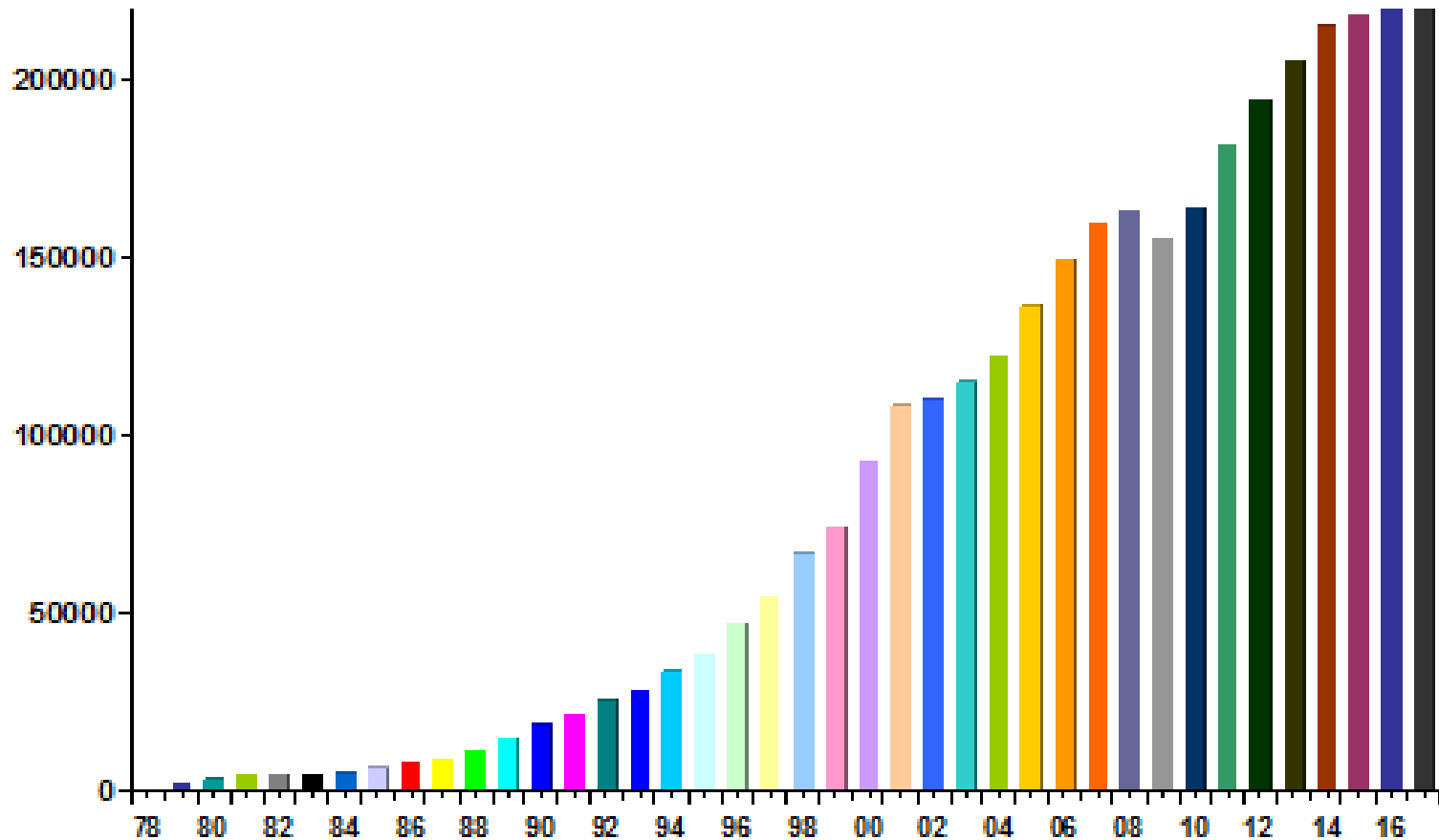
- The PCT system is a patent “filing” system, not a patent “granting” system. **There is no “PCT patent”**
- The PCT system provides for
  - an international phase comprising:
    - filing of the international application
    - international search and written opinion of the ISA
    - international publication and
    - international preliminary examination
  - a national/regional phase before designated Offices
- The decision on granting patents is taken exclusively by national or regional Offices in the national phase

# General remarks on the PCT system (2)

- Only inventions may be protected via the PCT by applying for patents, utility models and similar titles.
- Design and trademark protection cannot be obtained via the PCT. There are separate international conventions dealing with these types of industrial property protection (the Hague Agreement and the Madrid Agreement and Protocol, respectively).
- The PCT is administered by WIPO as are other international treaties in the field of industrial property, such as the Paris Convention.

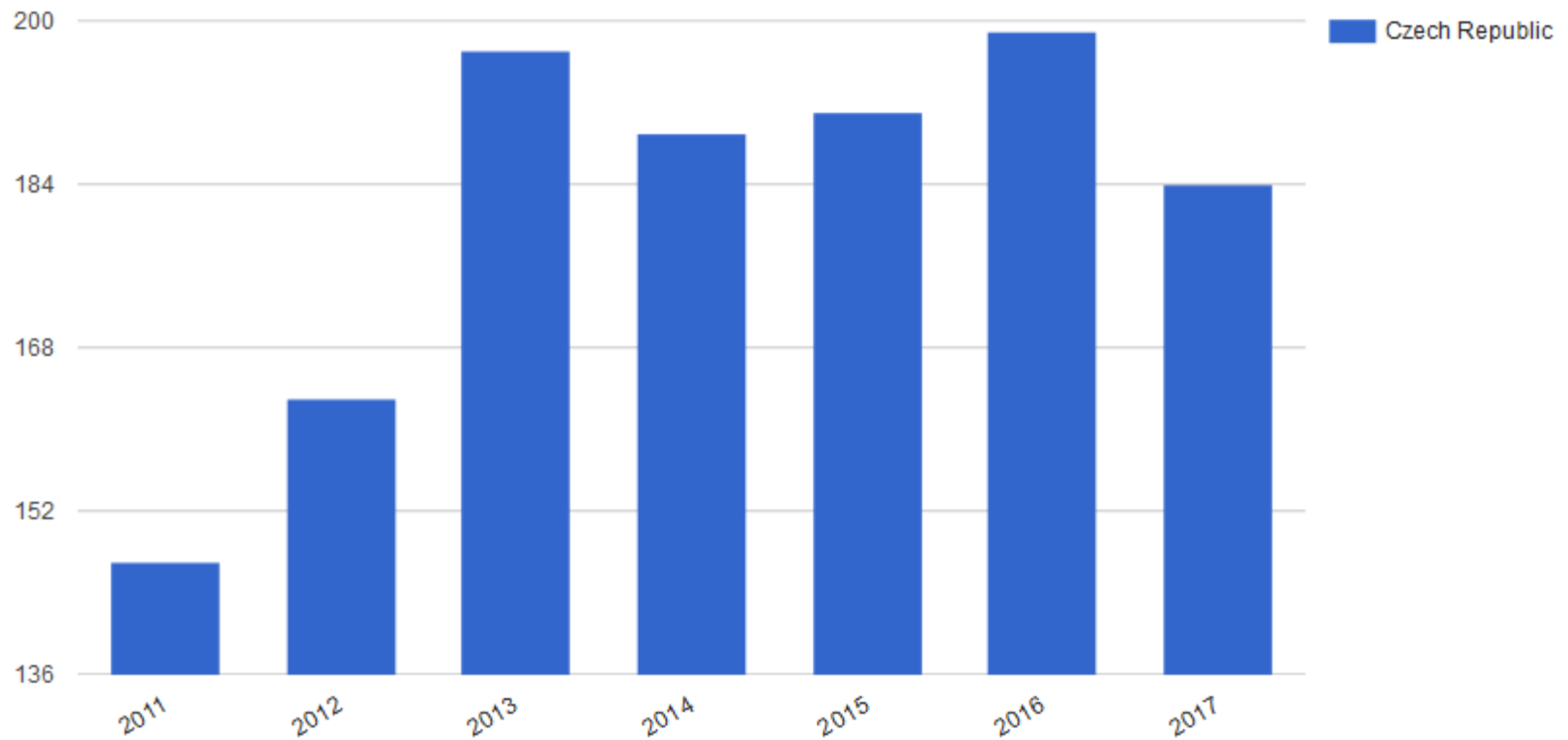


# PCT Applications (2017)

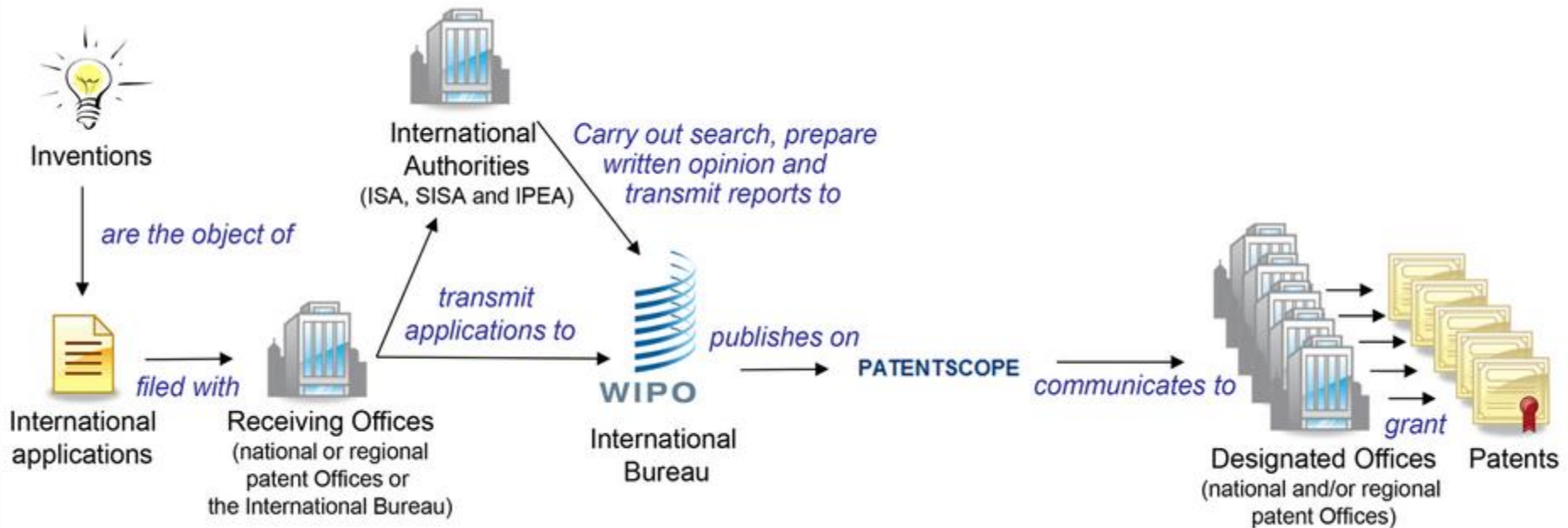


2017: ~243,500 PCT applications (+4.5%)

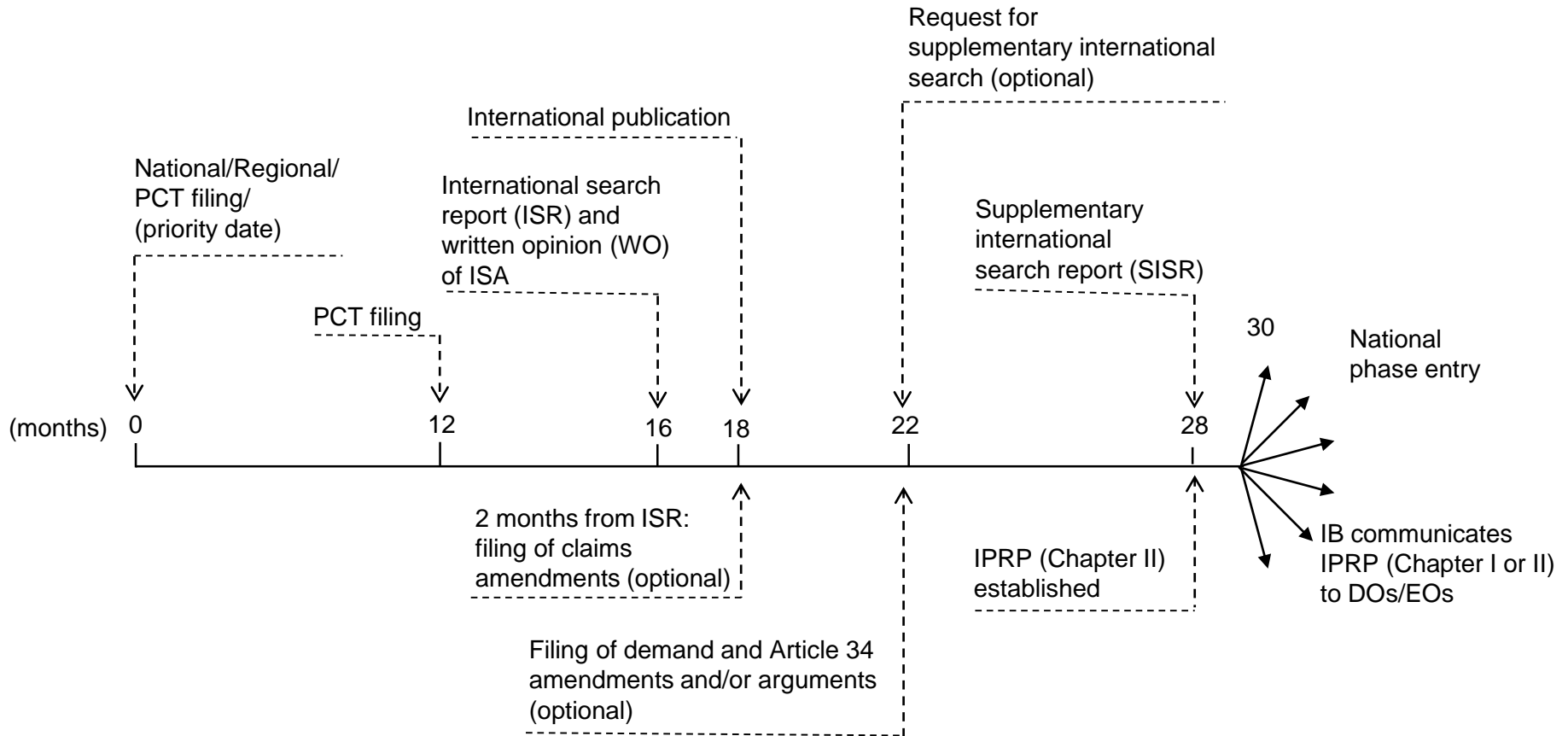
# PCT Applications originated from Czechia



# Overview of the PCT system



# PCT TIMELINE



# Where to file the international application (Rule 19)

- With a national Office  
e.g. Industrial Property Office (Czechia)
- With the International Bureau of WIPO, or
- With a regional Office  
e.g. European Patent Office (EPO)

For details, see PCT Applicant's Guide, International Phase, General Information, Annexes B1 and B2

# Choice of receiving Office

Considerations:

- Accepted filing languages
- Choice of International Searching Authorities
- Criteria for restoration of the priority right and fee to be paid
- Possibility to incorporate by reference, etc.

# Which ISA(s) is (are) competent (Rule 35)

- The competent ISA(s) is (are) specified by the RO
- If more than one is specified by the RO, the applicant has the choice:
  - in making that choice, the applicant must take into account the language(s) accepted by the ISA (a translation of the international application for the purposes of international search may be required in certain cases (Rule 12.3))
- If the international application is filed with RO/IB, the competent ISAs will be those which would have been competent if the international application had been filed with (any of) the national or regional Office(s) which, on the basis of applicant's nationality or residence, could be a competent RO
- Choice of ISA to be indicated in the request (Box No. VII)

# International Search Report (ISR) (Rules 42 and 43)

Contains:

- IPC (International Patent Classification) symbols
- indications of the technical areas searched
- indications relating to any finding of lack of unity
- a list of the relevant prior art documents
- indications relating to any finding that a meaningful search could not be carried out in respect of certain (but not all) claims

Time limit to establish ISR and written opinion of the ISA:

- 3 months from the date of receipt of the search copy by the ISA (usually within approximately 16 months from the priority date if priority is claimed); or
- 9 months from the priority date, whichever time limit expires later



# An example of International Search Report

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) Fig. 1	1-3
Y	page 3, lines 5-7	4, 10
A	Fig. 5, support 36	11-12
X	GB 2174500 A (STC) 5 November 1986 (05.11.86) 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) 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

# Written opinion of the ISA (Rule 43bis)(1)

- Initial preliminary non-binding opinion on:
  - novelty (not anticipated)
  - inventive step (not obvious)
  - industrial applicability
- A written opinion will be established for all international applications at the same time as the ISR
- The written opinion is sent to applicant and the International Bureau together with the ISR

# Written opinion of the ISA (Rule 43bis) (2)

- The written opinion is made publicly available on PATENTSCOPE in its original language as of the date of publication of the international application
- No formal procedure for applicants to respond to written opinion of the ISA
- Possibility to submit informal comments to the International Bureau
  - They are made publicly available together with the written opinion in their original language
  - They are communicated to the DOs together with the IPRP (Chapter I) if and when it is sent

# An example of written opinion of the ISA

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		International application No.
<b>Box No. V</b>	<b>Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</b>	
1. Statement		
Novelty (N)	Claims	<u>Claim(s) 3-15</u> YES
	Claims	<u>Claim(s) 16</u> NO
Inventive step (IS)	Claims	<u>Claim(s) 8, 10-12</u> YES
	Claims	<u>Claim(s) 3-7, 9, 14-16</u> NO
Industrial applicability (IA)	Claims	<u>Claim(s) 3-16</u> YES
	Claims	_____ NO
2. Citations and explanations:		
<b>INDEPENDENT CLAIM 3</b>		
Document US-A-5 332 238, which is considered to represent the most relevant state of the art, discloses (cf. relevant passages indicated in the ISR) a device from which the subject-matter of INDEPENDENT CLAIM 3		
Document US-A-5 332 238, which is considered to represent the most relevant state of the art,		



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# Recent and Future Developments

# PCT Rule Changes in 1 July 2018

- Amendment to the Schedule of Fees
  - Clarification that the 90% fee reduction is intended only for persons filing PCT applications in their own right and not those filing PCT applications on behalf of a person or entity which is not eligible for the fee reduction (e.g. the director or employee of a company where the application is made for the benefit of the company)
- Amendment to PCT Rules 4.1(b)(ii) and 41.2(b)
  - Correction of references regarding provisions which entered into force on 1 July 2017 relating to the transmittal of earlier search and/or classification results

# PCT Union Assembly in 2018

- Rule change
  - Agreed amendment to Rule 69.1(a), allowing the IPEA to start international preliminary examination when it is in possession of the demand, relevant fees, ISR and WO (unless the applicant requests postponement)
  - Applies to international applications in respect of which a demand for international preliminary examination is made on or after 1 July 2019
- Introduction of an application form for use by Offices seeking appointment as an ISA/IPEA

# Licensing availability

- Applicants interested in concluding license agreements in relation to their international application may request the International Bureau to make this information available in PATENTSCOPE:
  - How? Applicants should submit a “Licensing Availability Request” to the IB using an ePCT “Action”
    - Alternatively, Form PCT/IB/382 may be used
  - 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)



# Third Party Observations

- Allows third parties to submit prior art observations relevant to novelty and inventive step
- Web-based system using ePCT or web-forms in PATENTSCOPE
- Free-of-charge
- Submissions possible until the expiration of 28 months from the priority date
- Applicants may submit comments in response until the expiration of 30 months from the priority date
- Anonymous submission of third party observations possible
- Third-party supplied documents will not be available via PATENTSCOPE, but will be made available to International Authorities and national Offices

# 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)

# Patent Prosecution Highway (PPH) and PCT

- Global PPH complements existing bilateral PPH agreements
- Information on the PCT Website:  
[www.wipo.int/pct/en/filing/pct\\_pph.html](http://www.wipo.int/pct/en/filing/pct_pph.html)
- Information on the PPH Portal:  
[www.jpo.go.jp/ppph-portal/index.htm](http://www.jpo.go.jp/ppph-portal/index.htm)
- Information on procedures and forms can be found on the websites of the participating Offices
- The IB requests feedback on experience with PCT-PPH at [pct.legal@wipo.int](mailto:pct.legal@wipo.int)



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# Information and Training

# PCT information available on the Internet (1)

- PCT Treaty and Regulations ([www.wipo.int/pct/en/texts/](http://www.wipo.int/pct/en/texts/))
- PCT Administrative Instructions ([www.wipo.int/pct/en/texts/](http://www.wipo.int/pct/en/texts/))
- PCT Applicant's Guide (updated weekly)  
([www.wipo.int/pct/guide/en/](http://www.wipo.int/pct/guide/en/))
- PCT Newsletter (monthly) ([www.wipo.int/pct/en/newslett/](http://www.wipo.int/pct/en/newslett/))
- PCT Highlights ([www.wipo.int/pct/en/highlights/](http://www.wipo.int/pct/en/highlights/))
- PCT Legal Text Index, providing references to PCT Articles, Rules, Administrative Instructions, Forms and various PCT Guidelines ([www.wipo.int/pct/en/texts/pdf/legal\\_index.pdf](http://www.wipo.int/pct/en/texts/pdf/legal_index.pdf))
- Official Notices  
([www.wipo.int/pct/en/official\\_notices/index.html](http://www.wipo.int/pct/en/official_notices/index.html))

# PCT information available on the Internet (2)

- PCT Receiving Office Guidelines  
([www.wipo.int/pct/en/texts/gdlines.html](http://www.wipo.int/pct/en/texts/gdlines.html))
- PCT International Search and Preliminary Examination Guidelines ([www.wipo.int/pct/en/texts/gdlines.html](http://www.wipo.int/pct/en/texts/gdlines.html))
- WIPO Standards  
([www.wipo.int/standards/en/part\\_03\\_standards.html](http://www.wipo.int/standards/en/part_03_standards.html))
- PCT Minimum Documentation, Patents and Non-Patent Literature ([www.wipo.int/scit/en/standards/pdf/04-01-01.pdf](http://www.wipo.int/scit/en/standards/pdf/04-01-01.pdf) and [www.wipo.int/scit/en/standards/pdf/04-02-01.pdf](http://www.wipo.int/scit/en/standards/pdf/04-02-01.pdf))
- Agreements between International Bureau of WIPO and International Searching and/or Preliminary Examining Authorities  
([www.wipo.int/pct/en/access/isa\\_ipea\\_agreements.html](http://www.wipo.int/pct/en/access/isa_ipea_agreements.html))

# PCT Applicant's Guide (1)

- Regularly updated, web-based publication, available free-of-charge at [www.wipo.int/pct/guide/en/](http://www.wipo.int/pct/guide/en/)
- Free weekly e-mail updating service detailing updated information
- Contents:
  - International phase
    - instructions concerning the preparation, filing and processing of international applications
    - blank forms (request, demand, power of attorney, etc.)
    - “Annexes” setting out information relevant to each Contracting State and regional or international Organization and each Office and Authority

# PCT Applicant's Guide (2)

- Contents (cont.)
  - National phase
    - information on all acts that must or may be performed before the DO/EOs
    - time limits
    - fees
    - blank national forms



# PCT Applicant's Guide (3)

International Phase Introduction <a href="#">PDF</a>									National Phase Introduction <a href="#">PDF</a>	
Two-Letter Code plus Country (Annex A <a href="#">PDF</a> ) or Organization		General Information	Receiving Offices	International Searching Authorities (ISA)	ISA (Supplementary Search)	International Preliminary Examining Authorities	Country Names and Two-Letter Codes	Deposits of Biological Material	National Chapter	Code
		Annex B	Annex C	Annex D	Annex SISA	Annex E	Annex K	Annex L	Annex	
CA	Canada	X	X	X	-	X	X	X	X	CA
CF	Central African Republic	X	OA	-	-	-	X	-	OA	CF
CG	Congo	X	OA	-	-	-	X	-	OA	CG
CH	Switzerland	X	X	-	-	-	X	X	X	CH
CI	Côte d'Ivoire	X	OA	-	-	-	X	-	OA	CI
CL	Chile	X	X	X	-	X	X	X	X	CL
CM	Cameroon	X	OA	-	-	-	X	-	OA	CM
CN	China	X	X	X	-	X	X	X	X	CN
CO	Colombia	X	X	-	-	-	X	X	X	CO
CR	Costa Rica	X	X	-	-	-	X	-	X	CR
CU	Cuba	X	X	-	-	-	X	X	X	CU
CY	Cyprus	X	X	-	-	-	X	-	EP	CY
CZ	Czechia	X	X	-	-	-	X	X	X	CZ

# PCT training options

- “Learn the PCT” Video Series  
(<http://www.wipo.int/pct/en/training/index.html>)
  - A series of 29 short videos designed to provide a basic introduction to important aspects and issues in the PCT system (in English)
- PCT Distance Learning Course available in the 10 publication languages  
([http://www.wipo.int/pct/en/distance\\_learning/index.html](http://www.wipo.int/pct/en/distance_learning/index.html))
- PCT Webinars  
(<http://www.wipo.int/pct/en/seminar/webinars/index.html>)
  - Free webinars on PCT topics for companies/law firms on request
- More information on the PCT resources website:  
[www.wipo.int/pct](http://www.wipo.int/pct)

# Where to get help at WIPO on PCT-related questions (1)

PCT Infoline	Telephone	+41 22 338 83 38
	Fax*	+41 22 338 83 39
	e-mail	pct.infoline@wipo.int
RO/IB	Telephone	+41 22 338 92 22
	Fax*	+41 22 910 06 10
	e-mail	ro.ib@wipo.int
PCT eServices Help Desk	Telephone	+41 22 338 95 23
	Internet address	www.wipo.int
	e-mail	pct.eservices@wipo.int

\* Note: Fax transmissions no longer recommended since January 1, 2018

# Where to get help at WIPO on PCT-related questions (2)

Marketing and Distribution Section (PCT Publications)	Telephones	+41 22 338 96 18
		+41 22 338 99 30
		+41 22 338 95 90
	Fax*	+41 22 740 18 12
		+41 22 733 54 28
Order online at	Internet address	<a href="http://www.wipo.int/ebookshop">www.wipo.int/ebookshop</a>
	e-mail	<a href="mailto:publications.mail@wipo.int">publications.mail@wipo.int</a>
WIPO Switchboard		+41 22 338 91 11
PCT Internet Site	Internet address	<a href="http://www.wipo.int/pct/en/">www.wipo.int/pct/en/</a>

\* Note: Fax transmissions no longer recommended since January 1, 2018

# PCT Resources/Information

- 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)

- Contact the speaker:

[taegeun.kim@wipo.int](mailto:taegeun.kim@wipo.int)

\* Note: Fax transmissions no longer recommended since January 1, 2018



# Global Databases for Intellectual Property Platforms and Tools for the Connected Knowledge Economy



Magdalena Zelenkovska, Senior Patent Data Manager  
Patent Database Section, Global Database Division  
Global Infrastructure Sector

# Global Databases: Rationale

- As a response to two of the nine strategic goals of WIPO:
  - Coordination and Development of Global IP Infrastructure
  - World reference source for IP Information and Analysis

<http://www.wipo.int/about-wipo/en/goals.html>



# Global Databases: Rationale

- For the actors of economic development and research and the public in general:
  - By providing powerful tools for researching intellectual property data (patents, trademarks, industrial designs, laws, terminology)
  - By simplifying the procedures for applying for international rights
  - By providing tools for linking consumers and producers of IP rights

# Global Databases, free Intellectual Property data platforms and tools



- PATENTSCOPE
- WIPO Translate
- Global Brand Database
- Global Design Database
- WIPO Lex
- WIPO Pearl

# PATENTSCOPE

- Introduction and numbers
- Search Examples
- Latest developments  
(coverage/functionality)

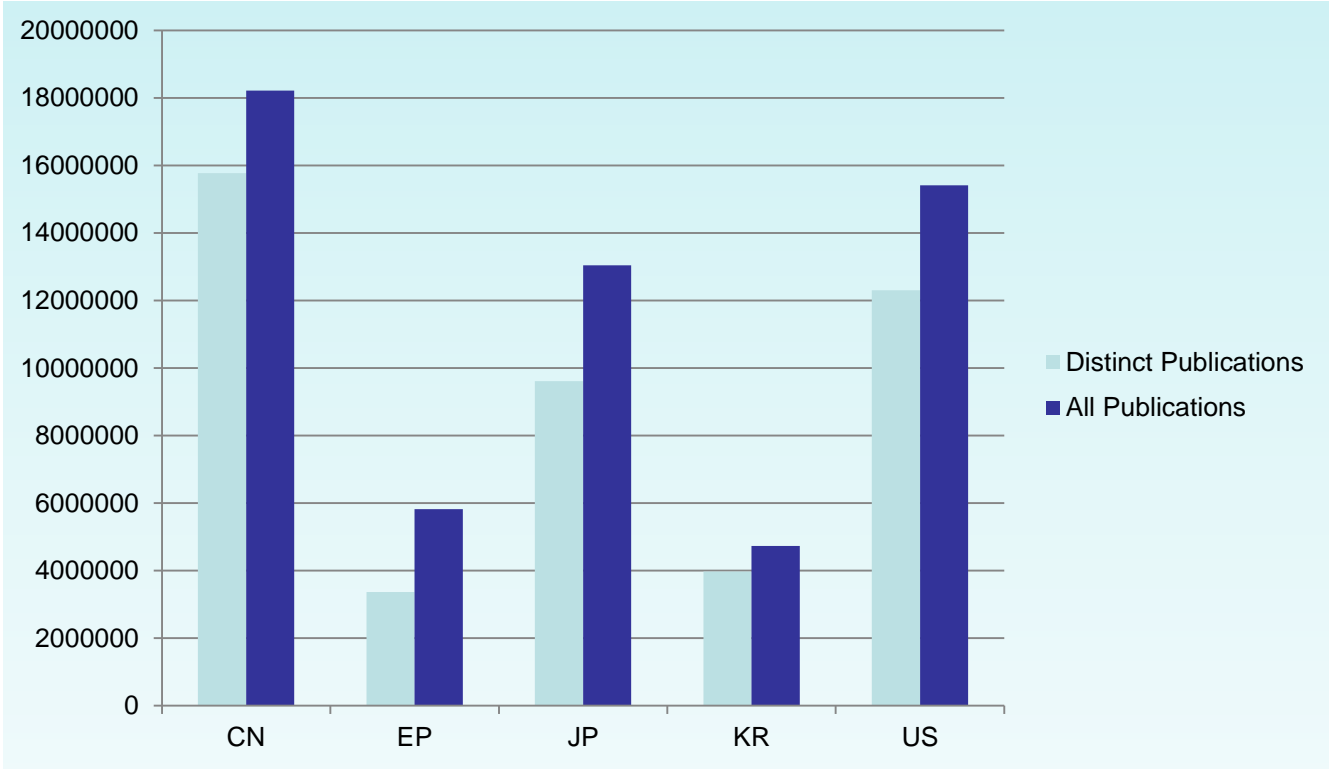
# PATENTSCOPE: Introduction

- Free and powerful patent search tool  
<https://patentscope.wipo.int>
- Descriptions and claims searchable in full text
- Analysis of search results on the fly
- Multilingual search and consultation

# PATENTSCOPE in numbers

- ~ 3.4 million PCT applications (3500 new patent applications made public each Thursday)
- ~ 71 million patent applications from 52 countries or regions
- 15,000 views per hour

# PATENTSCOPE: Facts and Figures



Number of distinct publications as counted in PATENTSCOPE statistics vs. all publications visible in PATENTSCOPE

# Searching with PATENTSCOPE: Field Combination

The screenshot displays the WIPO PATENTSCOPE website interface. At the top left is the WIPO logo, and at the top right are language options: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below the logo is the text "PATENTSCOPE" and "Search International and National Patent Collections". A navigation bar contains "Q Search", "Browse", "Translate", and "News". A dropdown menu is open under "Search", listing "Simple", "Advanced Search", "Field Combination" (highlighted with a red arrow), "Cross Lingual Expansion", and "Chemical compounds (login required)". Below the menu is a search input field with a "Front Page" button on the left and an "Office: All" dropdown on the right, followed by a "Search" button. A notification banner at the bottom states: "PCT Publication 35/2018 (2018/08/30) is now available. The next publication date is scheduled as follows: Gazette number 36/2018 (2018/09/07). More".

## Field Combination

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

Language: English Stem:  Office: + All



Results 1-10 of 2,498 for Criteria:EN\_TI:("electric car") AND EN\_AB:("electric car") Office(s):all Language:EN Stemming: true

Navigation: 1 2 3 4 5 6 7 8 9 10 Page: 1 / 250 Go

Refine Search EN\_TI:("electric car") AND EN\_AB:("electric car")

Search Search RSS

Filters

Sort by: Relevance View All List Length 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 20130180788	<b>Electric Car</b>			US	18.07.2013
B60K 1/00	13352747		Jin Bruce	Jin Bruce	
<p>An <b>electric car</b> defined by means of a car body having a front end, a rear end, a top portion and a bottom portion. A center console is placed at an interior forepart of the <b>electric car</b>. A steering is attached to the center console. A rectangular seat is mounted on a rectangular box, the rectangular box being longitudinally placed at a center part of the <b>electric car</b>. A storage area having a personal storage and a battery storage is enclosed within the rectangular box. The battery storage includes a battery pack having a set of rechargeable batteries for powering the <b>electric car</b>. A plug point is located at a rear end of the <b>electric car</b> for charging the battery pack. A pair of rotatable front wheels and back wheels is provided for ensuring smooth movement of the <b>electric car</b>. The <b>electric car</b> is designed to achieve better performance by reducing the power consumption.</p>					
2. WO/2017/031877	<b>CHILD ELECTRIC CAR</b>			WO	02.03.2017
B62K 5/08	PCT/CN2015/098164		GOODBABY CHILD PRODUCTS CO., LTD	HE, Xinjun	
<p>A child <b>electric car</b> comprises a car rack (1), wheel assemblies, a driving mechanism, and the child <b>electric car</b> further comprises a direction control apparatus that can control the moving direction of the child <b>electric car</b> by using body inclination. The direction control apparatus comprises: brackets (21, 31) connected to the car rack in a rotating manner, steering connection rods (22, 32) that are connected to the car rack in a rotating manner and can move in the left or right direction of the child <b>electric car</b> along with rotation of the car rack and the brackets, and connecting components. One end of each connecting component is connected to a steering connection rod in a rotating manner, the other end of each connecting component is fixedly connected to the wheel axle of a wheel assembly, and when the steering connection rods move in the left or right direction of the child <b>electric car</b>, the connecting components can drive the wheel assemblies to steer. Each bracket is connected to the other end of a connecting component or the wheel axle of a wheel assembly in a rotating manner. According to the child <b>electric car</b>, the direction control apparatus of the child <b>electric car</b> is improved, so that when a body inclines to one side, the steering connection rods are driven to move, and the wheel assemblies are driven by the connecting components to steer, thereby implementing steering of the child <b>electric car</b>.</p>					
3. 2009017770	<b>ELECTRIC CAR</b>			JP	22.01.2009

Machine translation

4. (WO2018059416) ELECTRIC CAR, AND METHOD OF PROVIDING POWER CHARGING BETWEEN ELECTRIC CARS

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**Pub. No.:** WO/2018/059416 **International Application No.:** PCT/CN2017/103559  
**Publication Date:** 05.04.2018 **International Filing Date:** 27.09.2017  
**IPC:** B60L 11/18 (2006.01), H02J 7/00 (2006.01)  
**Applicants:** HUAWEI TECHNOLOGIES CO., LTD.[CN/CN]; Huawei Administration Building Bantian, Longgang District Shenzhen, Guangdong 518129, CN  
**Inventors:** ZHOU, Kui; CN  
 HE, Wentao; CN  
 LIU, Xiaokang; CN  
**Agent:** LONGSUN LEAD IP LTD.; Rm. 101, Building 3 No. 68 Beijing Road, Haidian District Beijing 100094, CN  
**Priority Data:** 201610852719.7 27.09.2016 CN

**Title**  
**(EN)** ELECTRIC CAR, AND METHOD OF PROVIDING POWER CHARGING BETWEEN ELECTRIC CARS  
**(FR)** VOITURE ÉLECTRIQUE, ET PROCÉDÉ D'APPORT DE CHARGE D'ALIMENTATION ENTRE DES VOITURES ÉLECTRIQUES  
**(ZH)** 电动汽车以及电动汽车之间充电的方法

**Abstract:**  
**(EN)** An electric car comprises: a battery pack; a direct current (DC) socket, and a controller. In a process of connecting the DC socket and an alternate current (AC) socket of another electric car, the battery pack is controlled, according to a charging command of the another electric car, to charge the another electric car. Also disclosed is a method of providing power charging between electric cars. The embodiments can be utilized to easily realize power charging between electric cars.

**(FR)** Voiture électrique comprenant : un bloc-batterie ; une prise à courant continu (CC), et un dispositif de commande. Dans un processus de connexion de la prise à CC et d'une prise à courant alternatif (CA) d'une autre voiture électrique, le bloc-batterie est commandé, en fonction d'une commande de charge de l'autre voiture électrique, pour charger l'autre voiture électrique. L'invention concerne également un procédé d'apport de charge d'alimentation entre des voitures électriques. Les modes de réalisation peuvent être utilisés pour réaliser facilement une charge d'alimentation entre des voitures électriques.

**(ZH)** 一种电动汽车, 包括: 电池包; 直流插座; 控制器, 在直流插座与另一电动汽车的交流插座通过充放电电缆连接的过程中, 根据另一电动汽车的充电请求控制电池包为另一电动汽车充电。还公开了在电动汽车之间充电的充电方法。其能够较方便地实现电动汽车

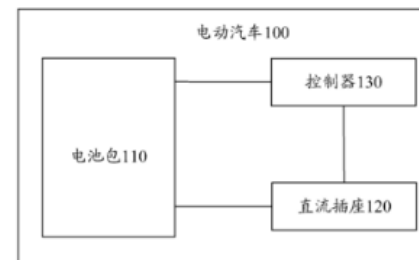


图3

100 Electric car 120 DC socket  
110 Battery pack 130 Controller

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## 说明书

### 发明名称：电动汽车以及电动汽车之间充电的方法

[0001] 本申请要求于2016年09月27日提交中国专利局、申请号为201610852719.7、申请名称为“电动汽车以及电动汽车之间充电的方法”的中国专利申请的优先权，其全部内容通过引用结合在本申请中。

## 技术领域

[0002] 本申请涉及电动汽车领域，并且更具体地，涉及一种电动汽车以及电动汽车之间充电的方法。

## 背景技术

4. (WO2018059416) ELECTRIC CAR, AND METHOD OF PROVIDING POWER CHARGING BETWEEN ELECTRIC CARS

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Full Text

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Instruction

The invention 0021 0022 0023 0024 0025 0026 0027 0028 0029 0030 0031 0032 0033 0034 0035 0036 0037 0038 0039 0040 0041  
 0042 0043 0044 0045 0046 0047 0048 0049 0050 0051 0052 0053 0054 0055 0056 0057 0058 0059 0060 0061 0062 0063 0064  
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Claims

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

Drawing

0001 0002 0003 0004 0005 0006 0007 0008 0009 0010 0011

Instruction

Method for charging between electric automobile and electric automobile

[0001] The application claims the application of chinese patent office on September 27, 2016, and the application number is 2016108527the, and the application is named as the priority of the chinese patent application of a method for charging between an electric vehicle and an electric vehicle, wherein all contents thereof are combined in the application

Technical field


[0002] The invention relates to the field of electric automobiles, in particular to a method for charging between an electric automobile and an electric automobile

Background technology

[0003] Electric vehicles generally supplement energy through alternating current and direct current charging piles, but because the number of the charging piles is limited and the distribution is not balanced, the electric vehicle is not convenient to charge. When the residual electric quantity of the electric vehicle cannot travel to the next charging pile, and the mutual charging between the vehicle and the vehicle is a good choice.

[0004] The scheme in the prior art is to modify a vehicle-mounted charger in an electric vehicle, the alternating current can be converted into direct current, and the direct current can be converted into alternating current; the alternating current socket of the charging vehicle is connected with an alternating current socket of the discharging vehicle through the charging and discharging cable during charging and discharging, the high voltage

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1

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Korean

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Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/2012/162974	H02K 21/24	ELECTRIC CAR OUTER ROTOR GENERATOR	QIU, Gangyi	WO	06.12.2012
	PCT/CN2011/079378		QIU, Gangyi		

An electric car outer rotor generator (10) disposed on a driven wheel of an electric car. The outer rotor generator (10) comprises an inner stator (11) and an outer rotor (12). The inner stator is fixedly connected to a driven shaft (20) of the electric car. The outer rotor is connected to the driven shaft of the electric car in a rotatable manner, and is sleeved over the inner stator. Multiple sets of winding coils (31) are disposed around the inner stator. An inner wall of the outer rotor is further provided with multiple permanent magnets (32) evenly arranged at a preset interval. When the outer rotor rotates relative to the inner stator, magnetic induction line cutting

«electric car »  
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


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ALLNUM	All Numbers and IDs	<ul style="list-style-type: none"> <li>The entered value is searched against the application number, the WO publication number, the national publication number and the priority number.</li> <li>◀98/12*, 98/12, 1998/12*, 1998/000012</li> <li>◀US200500*</li> <li>◀23412 CU</li> <li>◀2007 8603 MX</li> </ul>	string		[FP, *_FP, ALL, *_ALL]
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AADC	Applicant Address Country	<ul style="list-style-type: none"> <li>The entered value is searched against the country of the applicant. To be used with the 2 letter country code</li> <li>◀US</li> </ul>	string		[PAA]
PAA	Applicant All Data	<ul style="list-style-type: none"> <li>The entered value is searched against all the data of the applicant</li> <li>◀john US California</li> </ul>	text		[ALL]
PA	Applicant Name	<ul style="list-style-type: none"> <li>The entered value is searched against the applicant name</li> <li>◀john</li> </ul>	text		[PAA, ALLNAMES]
ANA	Applicant Nationality	<ul style="list-style-type: none"> <li>The entered value is searched against the nationality of the applicant. To be used with the 2 letter country code</li> <li>◀US</li> </ul>	string		[PAA]
ARE	Applicant Residence	<ul style="list-style-type: none"> <li>The entered value is searched against the residence of the applicant. To be used with the 2 letter country code</li> <li>◀US</li> </ul>	string		[PAA]
AD	Application Date	<ul style="list-style-type: none"> <li>The entered value is searched against the application date</li> <li>◀[01.01.2000 TO 01.01.2005]</li> </ul>	date		[ALL]



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Refine Search PAA:Prague AND DP:[01.01.2015 TO 31.12.2018] AND IC:A

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Analysis

Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
PCT	11	A61K	10	SLUSHER, Barbara	2	SOTIO A.S.	4	2015	1
United States	3	A61B	4	ADKINS, Irena	1	INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY AS CR V.V.I.	3	2016	4
European Patent Office	1	C07D	4	BERNARDOS BAU, Andrea	1	THE JOHNS HOPKINS UNIVERSITY	3	2017	5
		A61P	3	BOZIK, Matej	1	CZECH TECHNICAL UNIVERSITY IN PRAGUE, CZECH INSTITUTE OF INFORMATICS, ROBOTICS	1	2018	5
		A01N	2	CHOD JIRI	1	CZECH TECHNICAL UNIVERSITY IN PRAGUE, FACULTY OF ELECTRICAL ENGINEERING	1		
		C12N	2	DANOVA, Klara	1	CZECH TECHNICAL UNIVERZITY IN PRAGUE FACULTY OF ELECTRICAL ENGINEERING DEPT OF TELECOMM ENGINEERING	1		
		A63B	1	GARSCHA, Ulrike	1				
		C07C	1	HRANIČOVÁ, Marta	1				

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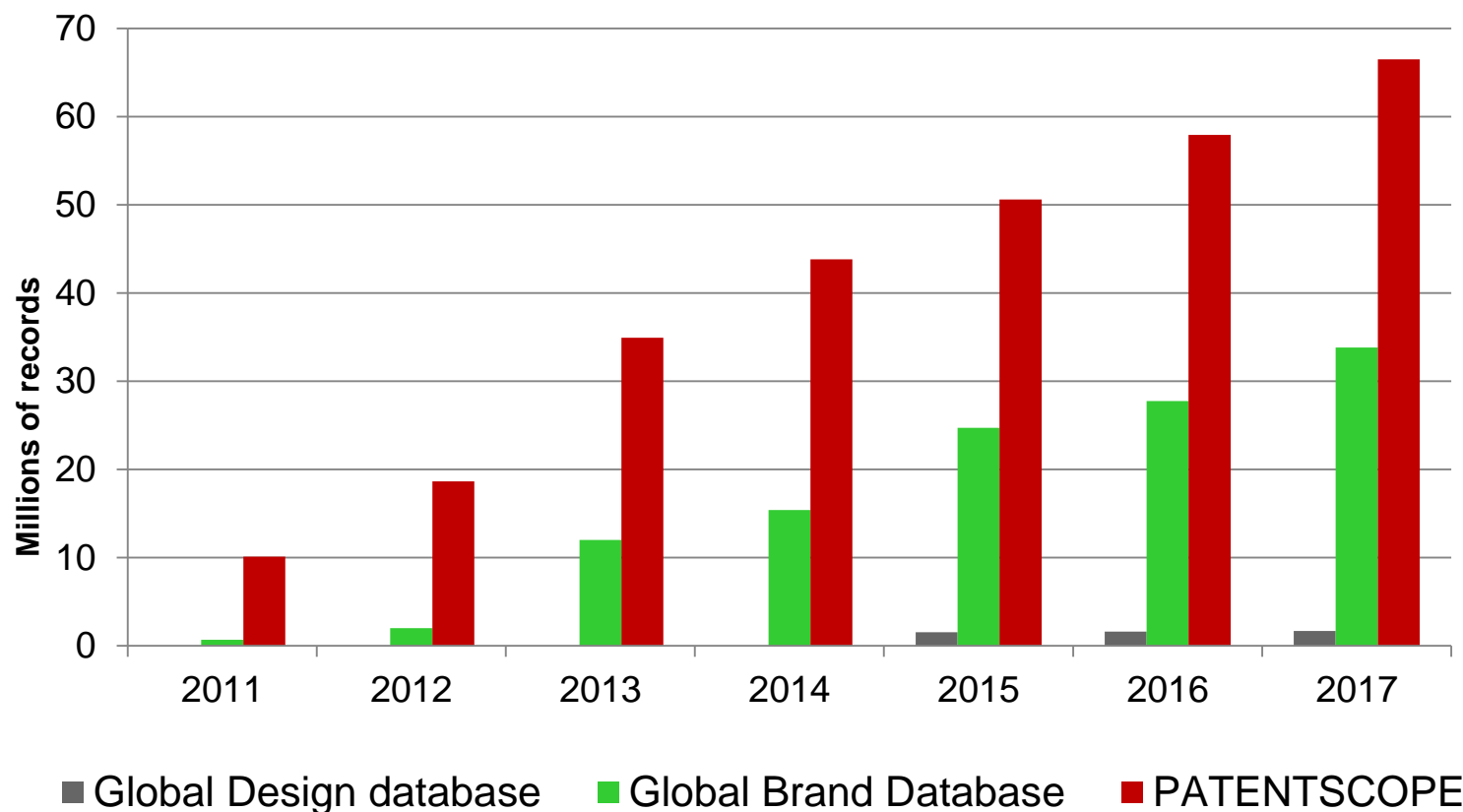
Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/2018/144718		PRODRUGS OF GLUTAMINE ANALOGS		WO	09.08.2018
A61K 31/198	PCT/US2018/016428		THE JOHNS HOPKINS UNIVERSITY		SLUSHER, Barbara
Prodrugs of glutamine analogs, such as prodrugs of acivicin, are disclosed.					
2. WO/2018/129405		SMALL MOLECULE INHIBITORS OF NEUTRAL SPHINGOMYELINASE 2 (nSMase2) FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES		WO	12.07.2018
C07D 487/04	PCT/US2018/012699		THE JOHNS HOPKINS UNIVERSITY		SLUSHER, Barbara
Small molecule inhibitors of neutral sphingomyelinase 2 (nSMase2) and their use for treating neurodegenerative diseases, such as, neurodegenerative diseases associated with high levels of ceramide, including, but not limited to Alzheimer's disease (AD), HIV-associated neurocognitive disorder (HAND), multiple sclerosis (MS), and amyotrophic lateral sclerosis (ALS), and, in other aspects, for treating cancer, are provided.					

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- More than 71 million patent applications from 52 authorities (including IP5)
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- 77.7% of requests have a searchable abstract
- 71.9% of claims have searchable claims
- 71.7% of requests have searchable descriptions

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■ great progress in recent years



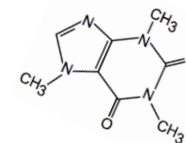
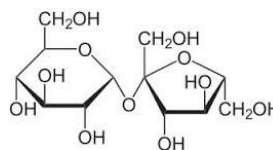
■ Cf. [https://patentscope.wipo.int/search/en/help/data\\_coverage.jsf](https://patentscope.wipo.int/search/en/help/data_coverage.jsf)

# Latest developments



## Chemical Search

### Principle:

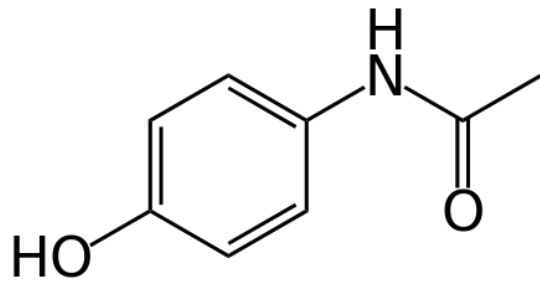


- Identify chemical formulas in patent texts
- Associate all the different representations of a chemical formula with a single representation(Inchikey)
- Provide search functions for these "Inchikeys" that can be used by the general public

# Standardization

Nom IUPAC

N-(4-hydroxyphenyl)acetamide



INN

paracétamol

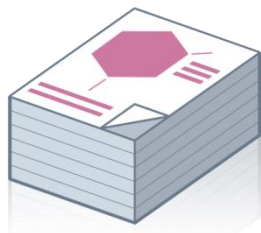
Other denominations

panadol, tylenol, ...

RZVAJINKPMORJF-UHFFFAOYSA-N

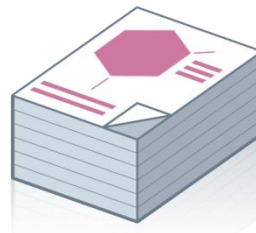
Acetaminophen,





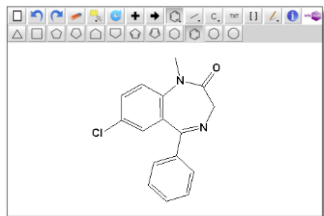
**PATENTSCOPE Documents**

(...) At the moment the surgical procedure starts, benzodiazepin, e.g. diazepam, is administered in a dose of no more than 5 mg. (...)



**Enriched PATENTSCOPE Documents**

(...) At the moment the surgical procedure starts, benzodiazepin, e.g. @AAOVKJBEBIDNHE-UHFFFAOYSA-N@, is administered in a dose of no more than 5 mg. (...)



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PCT Publication 35/2018 (2018/08/30) is now available. The next publication date is scheduled as follows: Gazette number 36/2018 (2018/09/07). [More](#)

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Compound name

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# Example : Theobromine

- Chemical formula:  $C_7H_8N_4O_2$

- IUPAC name:

3,7-dimethyl-1*H*-purine-2,6-dione

- Theobromine is found in the seeds of the plant *Theobroma Cacao*, which is the well-known source of chocolate and cocoa. It gives dark chocolate its typical bitter taste.



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Theobromine

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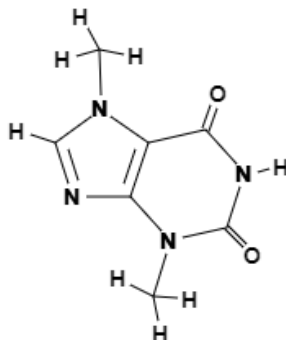
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InChI: InChI=1S/C7H8N4O2/c1-10-3-8-5-4(10)6(12)9-7(13)11(5)2/h3H,1-2H3,(H,9,12,13)  
 InChIKey: YAPQBXQYLJRXSA-UHFFFAOYSA-N  
 Molecular Formula: C7H8N4O2  
 Molecular Weight: 180.167 g/mol

Search for scaffold:  Office:  All

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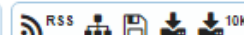
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## Filters

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Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 20180235878		COMPOSITIONS COMPRISING FILE ACID SEQUESTRANTS FOR TREATING ESOPHAGEAL DISORDERS		US	23.08.2018
A61K 9/00	15813850		Ironwood Pharmaceuticals, Inc.		Mark CURRIE
<p>Disclosed herein are novel compositions and methods for treating or preventing upper GI tract disorders and protecting stratified squamous epithelium against injury by a noxious substance. The methods generally include administering to a patient in need thereof a therapeutically effective amount of a pharmaceutical composition comprising at least one bile acid sequestrant, alone or in combination with at least one proton pump inhibitor, and optionally one or more agent chosen from antacids, histamine H<sub>2</sub>-receptor antagonists, γ-aminobutyric acid-b (GABA-B) agonists, prodrugs of GABA-B agonists, and protease inhibitors.</p>					
2. 20180235891		NON-GELATIN ENTERIC SOFT CAPSULES		US	23.08.2018
A61K 9/48	15959645		PATHEON SOFTGELS INC.		Qi FANG
<p>Described herein are pharmaceutical enteric soft capsules that do not contain gelatin as a film-forming polymer. In particular, compositions and methods for manufacturing enteric soft capsules comprising carrageenans as film forming polymers are disclosed.</p>					
3. 20180235892		SILK-BASED CAPSULES		US	23.08.2018
A61K 9/48	15959631		PATHEON SOFTGELS INC.		Tatyana DYAKONOV
<p>A hard or soft capsule is disclosed comprising a shell and a fill material, wherein the shell comprises an interpenetrating network comprising a silk polymer and a film-forming natural polymer. A method of making a hard or soft capsule is also disclosed, comprising dissolving a silk protein in a solvent system to form a solubilized silk protein solution; mixing the solubilized silk protein solution with a film-forming natural polymer to form a homogenous shell material; and encapsulating a fill material with the homogenous shell material.</p>					
4. 20180235917		COMPOSITIONS, METHODS AND KITS FOR TREATMENT OF DIABETES AND/OR HYPERLIPIDEMIA		US	23.08.2018
A61K 31/198	15513115		NuSirt Sciences, Inc.		Michael ZEMEL

Compositions, methods and kits for treatment of diabetes and/or hyperlipidemia are provided herein. Such compositions can contain synergizing amounts of leucine

Machine translation

21. (US20180230457) LIBRARY-BASED METHODS AND COMPOSITIONS FOR INTRODUCING MOLECULAR SWITCH FUNCTIONALITY INTO PROTEIN AFFINITY REAGENTS

National Biblio. Data | Description | Claims | Drawings | **Compounds** | Documents

PermaLink

Application Number: 15886271 Application Date: 01.02.2018  
 Publication Number: 20180230457 Publication Date: 16.08.2018  
 Publication Kind : A1

IPC:	C12N 15/10	CPC:	C07K 16/40
	C07K 16/40		C07K 16/44
	C07K 16/44		C07K 2317/14
	G01N 33/68		C12N 15/1037
			C40B 30/04
			G01N 33/6854

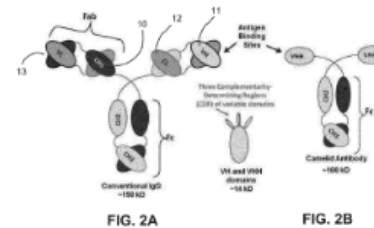
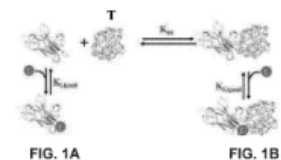
Applicants: BOARD OF TRUSTEES OF NORTHERN ILLINOIS UNIVERSITY  
 Inventors: James R. Horn

Priority Data:

Title: (EN) LIBRARY-BASED METHODS AND COMPOSITIONS FOR INTRODUCING MOLECULAR SWITCH FUNCTIONALITY INTO PROTEIN AFFINITY REAGENTS

Abstract: (EN)

Methods and compositions are disclosed for introducing molecular switch functionality into a protein affinity reagent to render its binding to a target molecule sensitive to an environmental trigger, such as pH, while maintaining binding affinity to the target molecule. Combinatorial libraries created by the method are also disclosed.

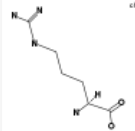
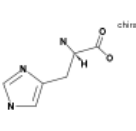
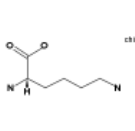
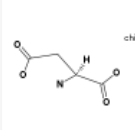
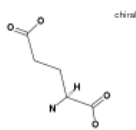
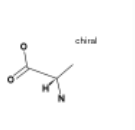
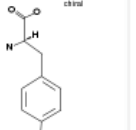
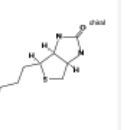
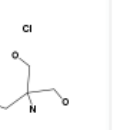
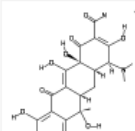
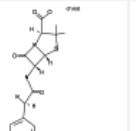
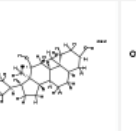
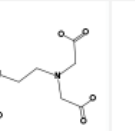
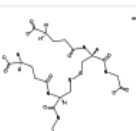
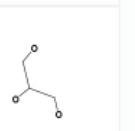
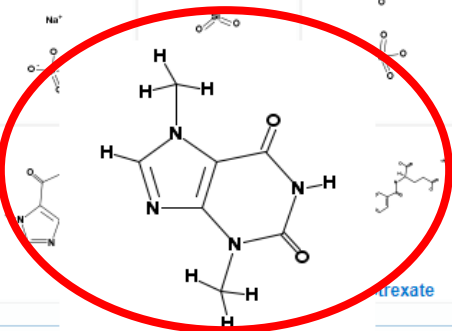
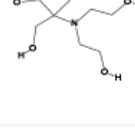
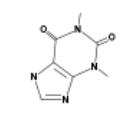
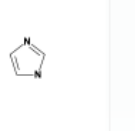


(prior art)




**21. (US20180230457) LIBRARY-BASED METHODS AND COMPOSITIONS FOR INTRODUCING MOLECULAR SWITCH FUNCTIONALITY INTO PROTEIN AFFINITY REAGENTS**

 National Biblio. Data | Description | Claims | Drawings | **Compounds** | Documents

Title	Abstract	Description	Claims
 <b>Arginine</b>	 <b>Histidine</b>	$\text{Na}^+ \text{Cl}^-$	 <b>Lysine</b>
 <b>Aspartic Acid</b>	 <b>Glutamic Acid</b>	 <b>Alanine</b>	 <b>Tyrosine</b>
 <b>Biotin</b>	 <b>Trometamol</b>	 <b>Tetracycline</b>	 <b>Ampicillin</b>
 <b>Deoxycholic acid</b>	 <b>Edetic acid</b>	 <b>Oxiglutatione</b>	 <b>Glycerol</b>
 <b>Theobromine</b>	 <b>Hexate</b>		

**Theobromine**

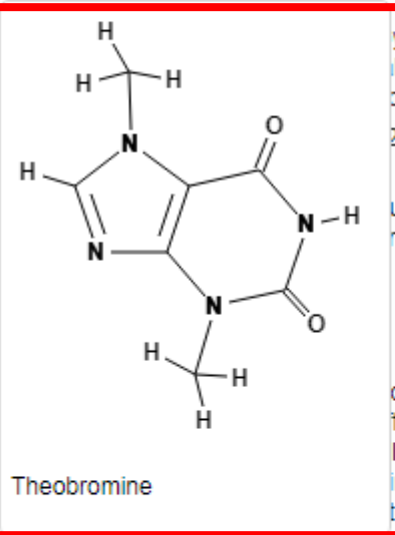
While VHH domains have rivaled conventional antibodies in terms of their affinity for protein antigens, much less is known regarding their ability to bind small haptens. To address this gap, the three CDRs of a recently generated anti-caffeine VHH antibody were grafted onto the anti-RNase A VHH domain, discussed in Examples 1 and 2. The resulting anti-caffeine VHH was optimized for recombinant *E. coli* expression and purification, which produced high VHH yields (~60 mg/L of culture).

Biophysical properties of caffeine/anti-caffeine VHH binding, Isothermal titration calorimetry (ITC) was performed to provide a full thermodynamic profile of binding ( $K_b$ ,  $\Delta G^\circ$ ,  $\Delta H^\circ$ , and  $\Delta S^\circ$ ) ( FIG. 15A). Binding is enthalpically-driven ( $\Delta H^\circ = -14$  kcal/mol) and overcomes a small entropic penalty ( $-\Delta S^\circ = 3.9$  kcal/mol), leading to an overall  $\Delta G^\circ$  of  $-10$  kcal/mol ( $K_{b,obs} = 7.1 \times 10^7$ ). The observed  $K_b$  is quite large (favorable), corresponding to a  $K_d$  value of 20 nM. However, the most striking feature was the observed 2:1 binding stoichiometry. A large  $\Delta C_p$  of binding and size exclusion chromatography profile further support this unconventional 2:1 binding stoichiometry between the anti-caffeine VHH and caffeine, respectively ( FIGS. 14 and 15B). The binding of three caffeine metabolites ( theophylline, paraxanthine, and theobromine ) displayed a ~50-fold range in binding, yet maintained the 2:1 stoichiometry. (Franco et al. 2010)

All experiments were run with a VP-ITC titration calorimeter (MicroCal) (Sigma-Aldrich) overnight in 4 L of buffer at 4° C. Buffer conditions determined by UV absorbance using a UV-visible spectrometer (Hewlett-Packard) were 21615 M<sup>-1</sup>cm<sup>-1</sup> (VHH 5-His ("5-His" disclosed as SEQ ID NO: 6)). Caffeine concentrations were one-tenth the respective concentration of VHH. All experiments were performed using reagents from the manufacturer.

#### Structure Determination of the Anti-Caffeine VHH/ Caffeine 2:1 Complex

High resolution (to 1.1 Å resolution) x-ray data of the VHH/ caffeine complex was determined and agrees with the 2:1 VHH/ caffeine stoichiometry, as two VHH molecules bind to one caffeine molecule. Interestingly, in the process of forming the caffeine complex, the CDR3 loops of both VHH molecules are displaced, exposing new surface area for recognition of caffeine, which is consistent with the observed thermostability profile (data not shown).



... dialyzing the VHH variant and bovine RNase A overnight. All buffers contained 150 mM NaCl and 20 mM buffer. Buffers and their pH ranges included: phosphate (pH 6.0-7.0) and Tris (pH 3.0-5.5). Protein concentrations were determined by UV absorbance at 280 nm were 9440 M<sup>-1</sup>cm<sup>-1</sup> (RNase A) and 10000 M<sup>-1</sup>cm<sup>-1</sup> (VHH). All experiments were performed using methods described by Pace, et. al. (Pace, et al. 1995). Titrations were performed with VHH as the titrant at one-tenth the respective concentration of VHH. All experiments were performed using reagents from the manufacturer.

... of the interaction. First, the crystal structure of the VHH/ caffeine complex was determined and agrees with the 2:1 VHH/ caffeine stoichiometry, as two VHH molecules bind to one caffeine molecule. Interestingly, in the process of forming the caffeine complex, the CDR3 loops of both VHH molecules are displaced, exposing new surface area for recognition of caffeine, which is consistent with the observed thermostability profile (data not shown).

These findings have been extended to the generation of antimethotrexate VHH which bind the drug methotrexate at three different sites.

In Vitro Selection Methods to Generate Anti-Hapten Antibodies ( FIG. 14).

# Combine chemical search with other search criteria

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**Analysis**

Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
PCT	10	A61K	7	BERNAERT, Herwig	2	BARRY CALLEBAUT AG	2	2008	1
		A23G	6	CAMU, Nicholas	2	BERNAERT, Herwig	2	2009	1
		A23L	6	LOHMUELLER, Tobias	2	CAMU, Nicholas	2	2011	1
		A01N	1	BUYUKPAMUKU, Elif	1	LOHMUELLER, Tobias	2	2017	1
		A61P	1	CONN, Alexander, R.	1	THE HERSHEY COMPANY	2		
		C07D	1	DUBERMAN, Josh	1	ALTAFER, Paulo	1		
		C07K	1	GOODAL, David, Murray	1	BUYUKPAMUKU, Elif	1		
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		C12P	1	HUGHES, Kerry	1	CONN, Alexander, R.	1		

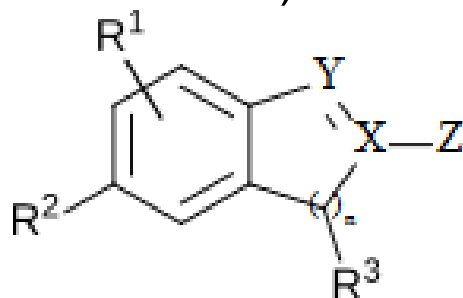
Sort by: Relevance View All List Length 10 Machine translation

Int.Class	Title	Appl.No	Applicant	Ctr	PubDate
					Inventor
1. WO/2007/042745	CHOCOLATE BASED APPETITE SUPPRESSANT			WO	19.04.2007
A23G 1/32	PCT/GB2006/003392		ZUMBE, Albert		ZUMBE, Albert

The present invention is directed to **chocolate** based compositions which when consumed regularly act as an appetite suppressant, aid reduce weight and maintain weight loss over an expended period of time. The composition consists of reduced fat **chocolate** powder and/or **chocolate** extract, together with enhanced concentrations of natural theobromine or synthetic theobromine.

# Scope

- Works on developed complete exact formulas  $\neq$  Markush (-R) structures (chemical symbols used to indicate a collection of chemicals with similar structure)



- Chemical elements, short names (less than 4 characters), common solvents and polymers are not annotated by design
- PCT, IP5, Russian and EAPO national collections
- Languages: Originally released only for English and German, chemical compounds are now discovered in Chinese, Japanese, French and Russian texts as well.
- Currently in development: Search of chemical substructures

# Warning

- Based on state of the art fully automated chemical recognition algorithms: the technology is not 100% accurate
- OCR errors in available patent full texts make the recognition of chemical compound even more challenging
- To be used as a discovery tool knowing that the results are not exhaustive, nor all exact (precision, recall)

# Global Dossier/WIPO CASE Integration in PATENTSCOPE



- Global Dossier data is available in the « Documents » tab of PATENTSCOPE
- The content is available for the collections of
  - EPO, US, South Korea and Japan (Global Dossier)
  - Canada, Australia and India (WIPO CASE)
- Other collections are expected in near future – China in particular

# Global Dossier/WIPO CASE Integration in PATENTSCOPE

- The contents of the files available via PATENTSCOPE include non-confidential public documents relating to search and examination during the patent procedure in each Office, including
  - Search reports
  - Actions taken by the office
  - Correspondence between the applicant and the patent office

# Global Dossier: An example



PATENTSCOPE

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

WORLD INTELLECTUAL PROPERTY ORGANIZATION

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Home > IP Services > PATENTSCOPE



2. (JP2016504271) エポキシ化脂肪酸アルキルエステル可塑剤を調製する方法



National Biblio. Data

Full Text

Documents

## Published Application

		View
JP2016504271T	JP2016010	XML, PDF, ZIP(XML + TIFFs)
JP0006162249B9	JP2017026	XML, PDF, ZIP(XML + TIFFs)

## Global Dossier

Legal date	Description	Download
	Abstract (ORIGINAL)	PDF
	Abstract (TRANSLATED)	PDF
	Claims (ORIGINAL)	PDF
	Claims (TRANSLATED)	PDF
	Description (ORIGINAL)	PDF
	Description (TRANSLATED)	PDF
	Drawings (ORIGINAL)	PDF
	Drawings (ORIGINAL)	PDF
	Drawings (ORIGINAL)	PDF
	Drawings (TRANSLATED)	PDF
	Drawings (TRANSLATED)	PDF



# PATENTSCOPE Monthly

## Webinars and Tutorials

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



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WORLD INTELLECTUAL PROPERTY ORGANIZATION

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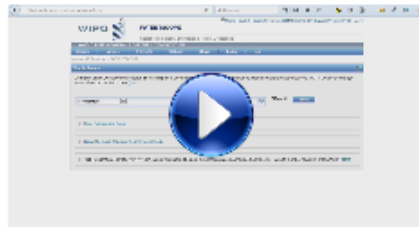


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### Tutorials

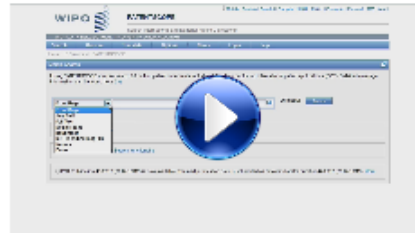
#### Presentation

What is PATENTSCOPE, what is included in its database and how to access it?



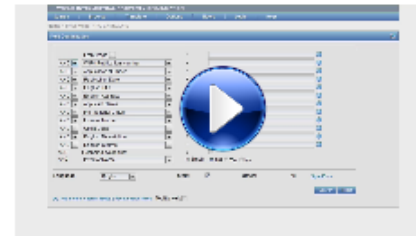
#### Search by keyword, number, inventor/company name

How to find patent documents using simple keywords, numbers, dates etc.



#### Complex queries with predefined search fields

How to use and combine many predefined fields to build more complex queries



#### Complex queries

How to combine search fields, operators and search criteria to build complex queries from scratch

#### Chemical information search

How to search for chemical information

#### Extend your queries by adding synonyms and translations

How to use CLIR to add synonyms and their translations to your query in order to search in collections disclosed in a foreign language

# Global Databases, free Intellectual Property data platforms and tools

- PATENTSCOPE
- WIPO Translate
- Global Brand Database
- Global Design Database
- WIPO Lex
- WIPO Pearl



**Translate**

[\[Terms & conditions/User guide\]](#)

WIPO Translate NMT is a powerful instant translation tool, designed specifically to translate patent texts (now almost all languages are available using Neural Machine Translation technology). Simply cut and paste text from a patent document into the box below and select from the available language pairs, then click on "Translate".

Text to be translated:

**Language pair:**

Domain:

Related links

- [WIPO Translate: Cu](#)

- ...
- English->Arabic (Neural MT Beta)
- Arabic->English (Neural MT Beta)
- English->German (Neural MT)
- German->English (Neural MT)
- English->Spanish (Neural MT)
- Spanish->English (Neural MT)
- English->French (Neural MT)
- French->English (Neural MT)
- English->Japanese (Neural MT)
- Japanese->English (Neural MT)
- English->Korean (Neural MT)
- Korean->English (Neural MT)
- English->Portuguese (Neural MT)
- Portuguese->English (Neural MT)
- English->Russian (Neural MT)
- Russian->English (Neural MT)
- English->Chinese (Neural MT)
- Chinese->English (Neural MT)
- ↓↓↓ Previous models (non-Neural) ↓↓↓
- English->German
- German->English
- English->Spanish
- Spanish->English
- English->French
- French->English
- Japanese->English
- English->Japanese
- English->Korean
- Korean->English

[ents Extends Language Coverage](#)

## Translate

[\[Terms & conditions/User guide\]](#)

WIPO Translate NMT is a powerful instant translation tool, designed specifically to translate patent texts (now almost all languages are available using Neural Machine Translation technology). Simply cut and paste text from a patent document into the box below and select from the available language pairs, then click on "Translate".

Text to be translated:

Language pair:

Domain:

- [automatic detection]
- ADMN-Admin, Business, Management & Soc Sci
- AERO-Aeronautics & Aerospace Engineering
- AGRI-Agriculture, Fisheries & Forestry
- AUDV-Audio, Audiovisual, Image & Video Tech
- AUTO-Automotive & Road Vehicle Engineering
- BLDG-Civil Engineering & Building Construction
- CHEM-Chemical & Materials Technology
- DATA-Computer Sci, Telecom & Broadcasting
- ELEC-Electrical Engineering & Electronics
- ENGY-Energy, Fuels & Heat Transfer Eng
- ENVR-Environmental & Safety Engineering
- FOOD-Foods & Food Technology
- GENR-Generalities, Language, Media & Info Sci
- HOME-Home Contents & Household Maintenance
- HORO-Precision Mechanics, Jewelry & Horology
- MANU-Manufacturing & Materials Handling Tech
- MARI-Marine Engineering
- MEAS-Standards, Units, Metrology & Testing
- MECH-Mechanical Engineering
- MEDI-Medical Technology
- METL-Metallurgy
- MILI-Military Technology
- MINE-Mining, Oil & Gas Extraction & Minerals
- NANO-Nano Technology
- PACK-Packaging & Distribution of Goods
- PRNT-Printing & Paper
- RAIL-Railway Engineering
- SCIE-Optical Engineering
- SPRT-Sports, Leisure, Tourism & Hospitality Ind

Related links

- [WIPO Translate: Cu](#)

[ends Language Coverage](#)



# TRANSLATE

Instant patent translation

العربية | English | Español | Français | Русский | 中文 |

Home IP Services PATENTSCOPE Database Search WIPO translate

## Translate

[\[Terms & conditions/User guide\]](#)

WIPO Translate NMT is a powerful instant translation tool, designed specifically to translate patent texts (now almost all languages are available using Neural Machine Translation technology). Simply cut and paste text from a patent document into the box below and select from the available language pairs, then click on "Translate".

Text to be translated:

情報処理装置は、第1不揮発メモリと、第2不揮発メモリと、制御部とを備える。第1不揮発メモリは、情報処理装置に使用されるプログラムなどの第1データを記憶する。第2不揮発メモリは、第1不揮発メモリよりも速い読み書きが可能である。

Language pair:

Japanese->English (Neural MT)

Domain:

DATA-Computer Sci, Telecom & Broadcasting

Translate

This automatic translation is provided for information only, it may contain discrepancies or mistakes and does not have any juridical value.

- Please hover your mouse over parallel segments of text
- Click to view other proposals
- Select words or phrases on the left to access other translation proposals

情報処理装置は、第1不揮発メモリと、第2不揮発メモリと、制御部とを備える。第1不揮発メモリは、情報処理装置に使用されるプログラムなどの第1データを記憶する。第2不揮発メモリは、第1不揮発メモリよりも速い読み書きが可能である。

an information processing apparatus includes a first nonvolatile memory, a second nonvolatile memory, and a control unit capable of reading and writing information.

Edit translation

↓ Choose among proposals, or edit the text

an information processing apparatus includes a first nonvolatile memory, a second nonvolatile memory, and a control unit

Ok

an information processing apparatus includes a first nonvolatile memory, a second nonvolatile memory, and a control unit

an information processing device includes a first nonvolatile memory, a second nonvolatile memory, and a control unit

an information processing apparatus includes a first non-volatile memory, a second nonvolatile memory, and a control unit

**an information processing device includes a first non-volatile memory, a second nonvolatile memory, and a control unit**

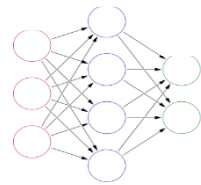
an information processing apparatus includes: a first nonvolatile memory; a second nonvolatile memory; and a control unit

an information processing device includes: a first nonvolatile memory; a second nonvolatile memory; and a control unit

# WIPO Translate: Neural Machine Translation (NMT)

- NMT technology is gradually replacing SMT
- Pilot system put into production in PATENTSCOPE for the ZH->EN language pair in October 2016
- NMT: better translation quality, better fluidity, especially for remote language pairs

# How NMT differs from previous technologies?



发明公布了一种通过在不同位置摆放现实物体来演奏音乐的娱乐装置



PBSMT (previous WIPO translate)

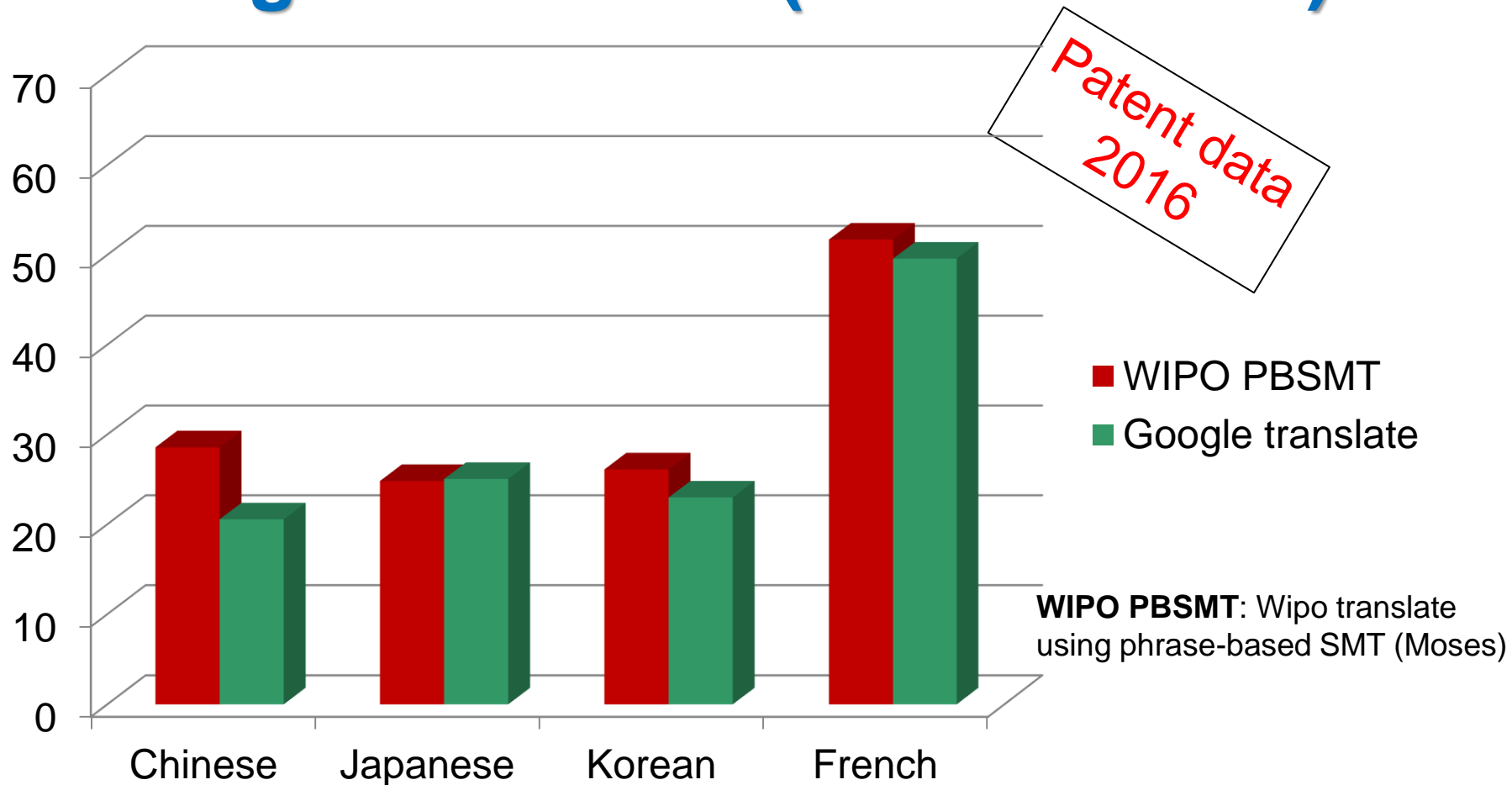
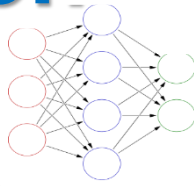
invention discloses	a by	placing a real object	at a	different location	to	play a music	entertainment device
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NMT (new WIPO translate)

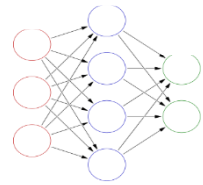
the	invention discloses	an	entertainment device	for	playing music	by	placing real objects	at	different position
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# Comparison of quality of translation between WIPO\*Translate et de Google\*Translate (BLEU scores)

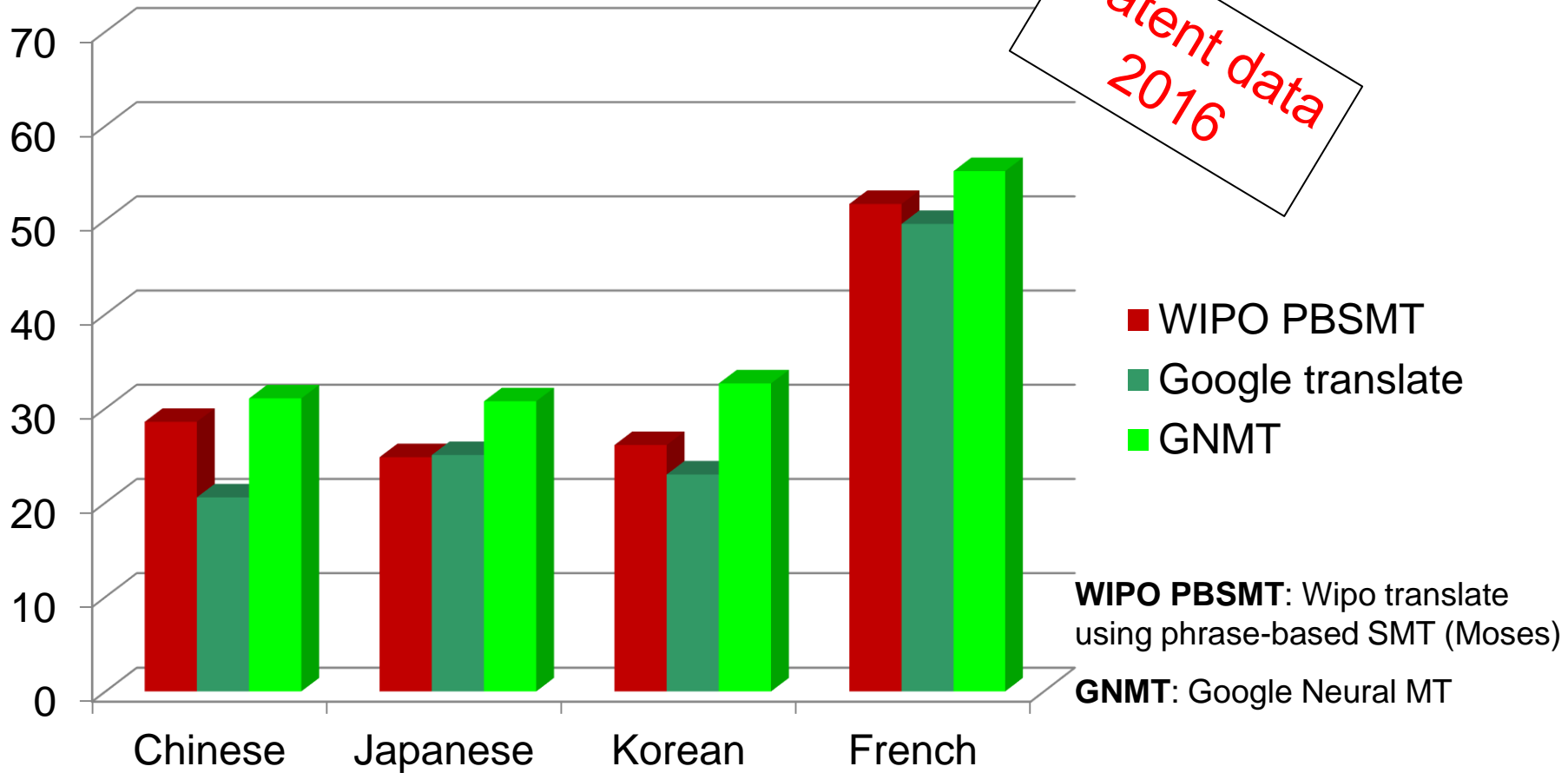




# PBSMT vs NMT



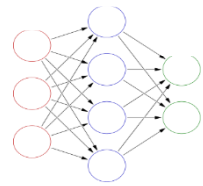
Patent data  
2016



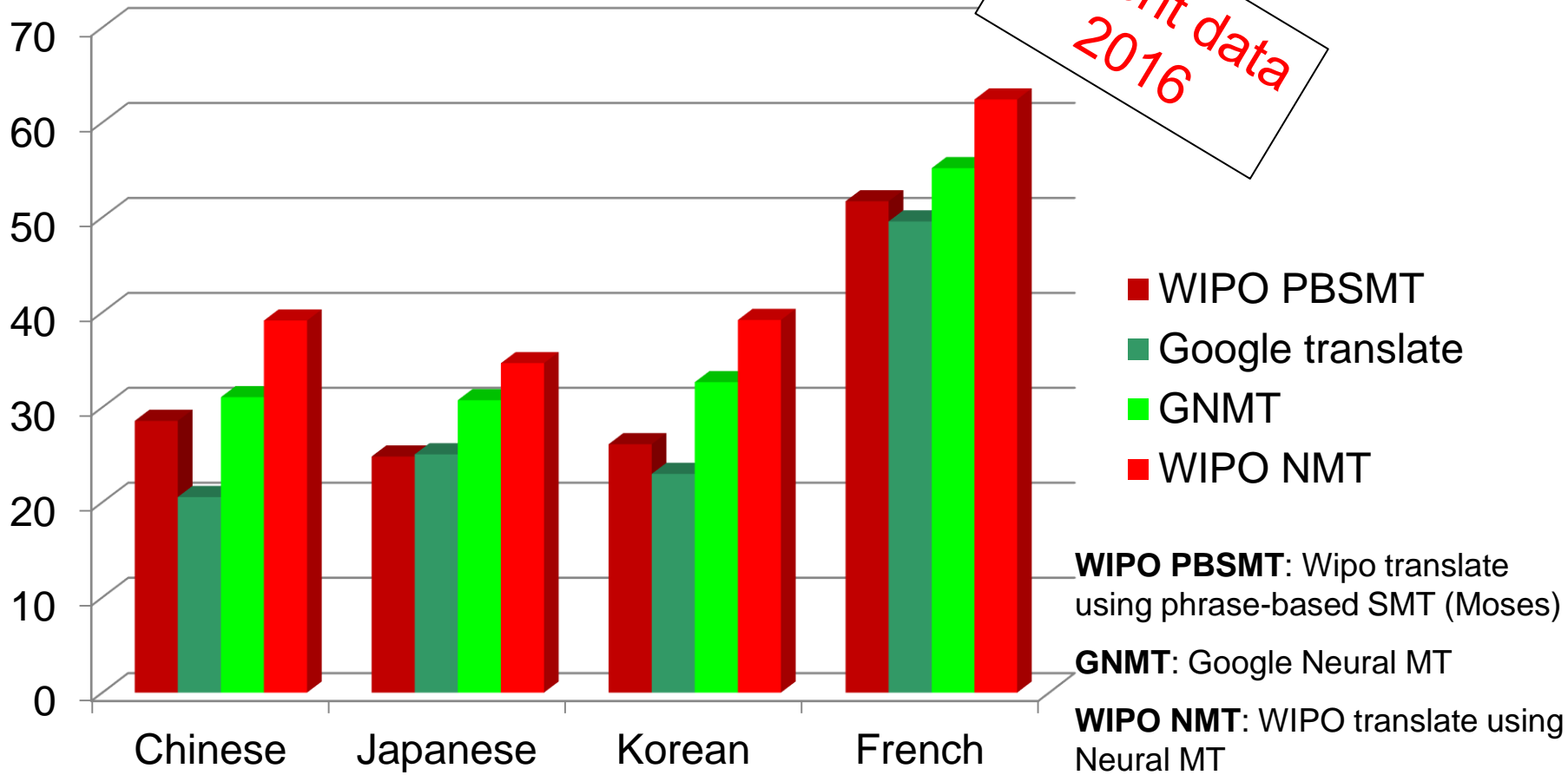
**WIPO PBSMT:** Wipo translate using phrase-based SMT (Moses)

**GNMT:** Google Neural MT

# PBSMT vs NMT



Patent data  
2016



- WIPO PBSMT
- Google translate
- GNMT
- WIPO NMT

**WIPO PBSMT:** Wipo translate using phrase-based SMT (Moses)  
**GNMT:** Google Neural MT  
**WIPO NMT:** WIPO translate using Neural MT

# Global Databases, free Intellectual Property data platforms and tools

- PATENTSCOPE
- WIPO Translate
-  ■ Global Brand Database
- Global Design Database
- WIPO Lex
- WIPO Pearl

# Global Brand Database

- Over 36 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
  - 36 national collections with more to come soon
- URL: <http://www.wipo.int/branddb/en/>

# Demo



[http://www.wipo.int/pressroom/en/articles/2014/article\\_0007.html](http://www.wipo.int/pressroom/en/articles/2014/article_0007.html)

# 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: 2018-09-12 08:30

<b>Data from Tunisia available</b> Over 89,000 records added	<b>Free webinars</b> Image searching in the Global Brand Database	<b>Data from Georgia available</b> Over 10,000 records added	<b>Free webinars</b> Join us for a webinar on effective searches	<b>Data from Italy available</b> Over 1,150,000 records added	<b>Refresh of US Data</b> Over 38,000 records added and 50,000 images recovered	<b>Refresh of UAE Data</b> Over 120,000 active records added	<b>Free webinars</b> Join us for a webinar on the Global Brand Database
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## SEARCH BY

Brand Names Numbers Dates Class Country

**Text** =

**Image Class** =

**Goods/Services** =

## FILTER BY

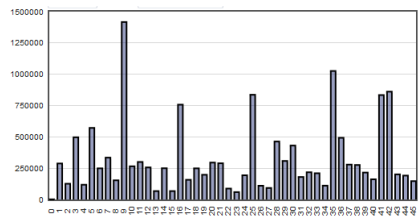
Source	Image	Status	Origin	App. Year *	Expiration *
AE TM 155,406	AU TM 1,688,360	BH TM 51,668	BN TM 45,467	CA TM 1,595,865	CH TM 407,933
CL TM 602,278	DE TM 2,017,739	DK TM 289,879	DZ TM 32,849	EE TM 59,150	EG TM 116,198
EM TM 1,596,930	ES TM 879,037	FR TM 2,709,663	GE TM 40,572	ID TM 943,847	IL TM 274,334
IS TM 105,865	IT TM 1,166,676	JO TM 151,938	JP TM 2,118,185	KH TM 87,450	KR TM 3,481,380
KW TM 33,213	LA TM 43,579	MA TM 168,785	MD TM 40,683	MN TM 67,158	MX TM 1,391,513
MY TM 826,796	NZ TM 650,419	OM TM 58,424	PG TM 31,384	PH TM 439,848	SG TM 688,975

Display: List Sort: Value - asc

1 - 30 / 36,541,804  Display: 30 per page options

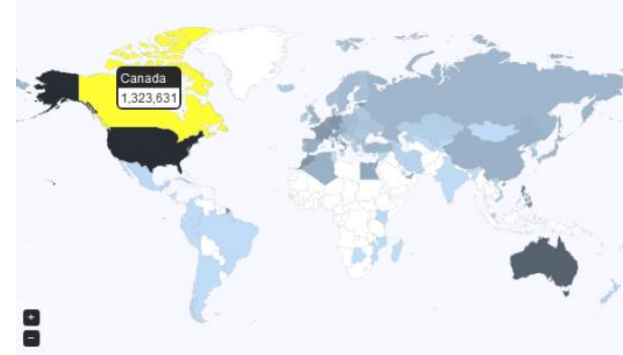
	Brand	Source	Status	Relevance	Origin	Holder	Number	App. Date	Image Class	Nice Cl.	Image	
<input type="checkbox"/>	DELTA	DZ TM	Active	1	DZ	REEMTSMA CIGARETTENFABRIKEN Gmbh	DZT1994048408	2994-11-30			34	
<input type="checkbox"/>	VULCAN	NZ TM	Pending	1	NZ	Abodo Wood Limited	1102250	2018-09-11			19	
<input type="checkbox"/>	PICKLE	NZ TM	Pending	1	NZ	Douglas Alan Hebert	1102253	2018-09-11			8	
<input type="checkbox"/>	LYFT (Stylised)	NZ TM	Pending	1	NZ	Lyft, Inc.	1102254	2018-09-11	VC.27.05	9, 12, 35, 38, 39, 42		
<input type="checkbox"/>	VYPE CLUB	NZ TM	Pending	1	NZ	Nicoventures Holdings Limited	1102251	2018-09-11			34	
<input type="checkbox"/>	7FRESH	NZ TM	Pending	1	NZ	Beijing 7FRESH Information Technology Co. Ltd	1102252	2018-09-11	VC.05.03, VC.27.05		35, 43	
<input type="checkbox"/>	KOMODO	NZ TM	Pending	1	NZ	The Glove Company Pty Ltd	1102257	2018-09-11			9, 10, 17, 28	
<input type="checkbox"/>	Your Wills	NZ TM	Pending	1	NZ	Your Wills Intelligence Pty Ltd	1102258	2018-09-11			35, 36, 45	
<input type="checkbox"/>	WEED theweedspot.co.nz	NZ TM	Pending	1	NZ	THE BEER SPOT LIMITED	1102255	2018-09-11	VC.26.01, VC.27.05		34, 35	
<input type="checkbox"/>	WEED	NZ TM	Pending	1	NZ	THE BEER SPOT LIMITED	1102256	2018-09-11	VC.26.01, VC.27.05		34, 35	

# Characteristics

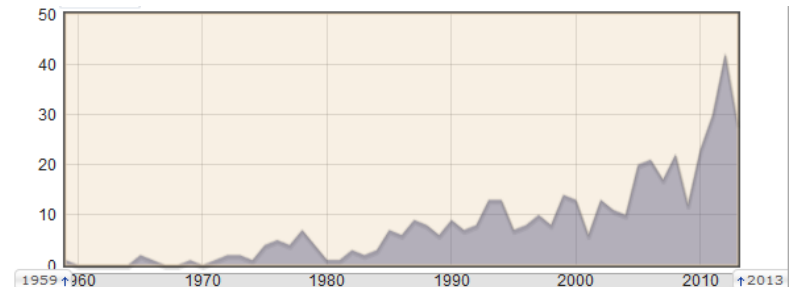
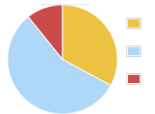


## ■ Searches

- state of the art image similarity search
- interactive with immediate answers
- with keywords: fuzzy, phonetic and by root
- simplified by classifications
- boolean, proximity and interval searches



- Automatic suggestions of the search terms
- Configurable result lists
- Saving of searches and search results
- Graphical analysis of the results



# Image similarity search

- Based on Image Features: shape, colour, texture
- Gives the choice between several similarity algorithms more or less relevant according to the image provided as a parameter
- Can be very effective on simple geometric shapes

Search For

Find (in top results – without Vienna Class)





# How does it work?– Search for logos close to the trademark ‘Arla’

## 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: 2018-09-12 08:30

Data from Tunisia available 2018-09-03 Over 89,000 records added | Free webinars 2018-08-31 Image searching in the Global Brand Database | Data from Georgia available 2018-06-12 Over 10,000 records added | Free webinars 2018-08-22 Join us for a webinar on effective searches | Data from Italy available 2018-06-12 Over 1,150,000 records added | Refresh of US Data 2018-05-22 Over 38,000 records added and 50,000 images recovered | Refresh of UAE Data 2018-05-02 Over 120,000 active records added | Free webinars 2018-05-02 Join us for a webinar on the Global Brand Database | NEWS

**SEARCH BY** Brand Names Numbers Dates Class Country

Text =▼ alra

Image Class = alra

Goods/Services = alran alrai alrawd alraune alradhan

alranggamolra alram alrajhi



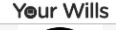


**FILTER BY** Source Image Status Origin App. Year \* Expiration \*

AE TM	155,406	AU TM	1,688,360	BH TM	51,668	BN TM	45,467	CA TM	1,595,865	CH TM	407,933
CL TM	602,278	DE TM	2,017,739	DK TM	289,879	DZ TM	32,849	EE TM	59,150	EG TM	116,198
EM TM	1,596,930	ES TM	879,037	FR TM	2,709,663	GE TM	40,572	ID TM	943,847	IL TM	274,334
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KW TM	33,213	LA TM	43,579	MA TM	168,785	MD TM	40,683	MN TM	67,158	MX TM	1,391,513
MY TM	826,796	NZ TM	650,419	OM TM	58,424	PG TM	31,384	PH TM	439,848	SG TM	688,975

Display: List Sort: Value - asc

1 - 30 / 36,541,804

Display: 30 per page options

	Relevance	Origin	Holder	Number	App. Date	Image Class	Nice Cl.	Image
<input type="checkbox"/>	1	DZ	REEMTSMA CIGARETTENFABRIKEN GmbH	DZT1994048408	1994-11-30		34	
<input type="checkbox"/>	1	NZ	Abodo Wood Limited	1102250	2018-09-11		19	
<input type="checkbox"/>	1	NZ	Douglas Alan Hebert	1102253	2018-09-11		8	
<input type="checkbox"/>	1	NZ	Lyft, Inc.	1102254	2018-09-11	VC.27.05	9, 12, 35, 38, 39, 42	
<input type="checkbox"/>	1	NZ	Nicoventures Holdings Limited	1102251	2018-09-11		34	
<input type="checkbox"/>	1	NZ	Beijing 7FRESH Information Technology Co. Ltd	1102252	2018-09-11	VC.05.03, VC.27.05	35, 43	
<input type="checkbox"/>	1	NZ	The Glove Company Pty Ltd	1102257	2018-09-11		9, 10, 17, 28	
<input type="checkbox"/>	1	NZ	Your Wills Intelligence Pty Ltd	1102258	2018-09-11		35, 36, 45	
<input type="checkbox"/>	1	NZ	THE BEER SPOT LIMITED	1102255	2018-09-11	VC.26.01, VC.27.05	34, 35	
<input type="checkbox"/>	1	NZ	THE BEER SPOT LIMITED	1102256	2018-09-11	VC.26.01, VC.27.05	34, 35	

# 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: 2018-09-12 08:30

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**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/Services** = e.g. footwear, comput\*

CURRENT SEARCH  
BRAND: arla

**FILTER BY**

Source	Image	Status	Origin	App. Year *	Expiration *
AE TM	0	AU TM	8	BH TM	5
CL TM	7	DE TM	9	DK TM	70
EM TM	33	ES TM	6	FR TM	4
IS TM	10	IT TM	3	JO TM	13
KW TM	3	LA TM	4	MA TM	1
MY TM	8	NZ TM	5	OM TM	0
				PG TM	0
				PH TM	0
				CA TM	8
				CH TM	1
				EE TM	1
				EG TM	11
				ID TM	11
				IL TM	14
				KH TM	4
				KR TM	7
				MN TM	5
				MX TM	13
				SG TM	25

Display: List Sort: Value - asc

1 - 60 / 357 TMview Display: 60 per page options



# Global Brand Database

Perform a trademark search by text or image in brand data from multiple national and international sources

<b>Data from Tunisia available</b> Over 89,000 records added 2018-09-03	<b>Free webinars</b> Image searching in the Global Brand Database 2018-08-31	<b>Data from Georgia available</b> Over 10,000 records added 2018-06-12	<b>Free webinars</b> Join us for a webinar on effective searches 2018-06-22	<b>Data from Italy available</b> Over 1,150,000 records added 2018-06-22
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← back

157 / 357

International Trademark



## 990596 - Arla

**(151) Date of the registration**

08.09.2008

**(180) Expected expiration date of the registration/renewal**

08.09.2018

**(270) Language(s) of the application**

English

**(732) Name and address of the holder of the registration**

Arla Foods amba  
Sønderhøj 14  
DK-8260 Viby J (DK)

**(813) Contracting State or Contracting Organization in the territory of which the holder has his domicile**

DK

**(770) Name and address of the previous holder (in case of change in ownership)**

Arla Foods amba  
Skanderborgvej 277  
Viby J (DK)

**(740) Name and address of the representative**

Zacco Denmark A/S  
Arne Jacobsens Allé 15  
DK-2300 Copenhagen (DK)

**(540) Mark**



**(531) International Classification of the Figurative Elements of Marks (Vienna Classification)- VCL (6)**

05.05.20; 26.01.18; 29.01.13.

(540) Mark



Three predominant colours

(531) International Classification of Goods and Services for the Purpose of Mark Registration (Nice Classification)- NCL (9) and International Classification of Marks (Vienna Classification)- VCL (6)

**i** 05.05.20; 26.01.18; 29.01.13.

# Search using Vienna Codes – 05.05.20 (stylized flowers) et 26.01.18 (circles or ellipses containing one or more letters)

**SEARCH BY** Brand Names Numbers Dates Class Country

Image Class (All) = e.g. 05.07.13, apple AND tree

Goods/Services Class (Nice) = e.g. 25, footwear

search

**CURRENT SEARCH**  
 IC:VC.05.05.20 IC:VC.26.01.18

**FILTER BY**

Source	Image	Status	Origin	App. Year *	Expiration *
AE TM	0	AU TM	0	BH TM	0
CL TM	0	DE TM	205	DK TM	0
EM TM	27	ES TM	31	FR TM	0
IS TM	28	IT TM	0	JO TM	0
KW TM	0	LA TM	2	MA TM	0
MY TM	87	NZ TM	54	OM TM	0
BN TM	2	CA TM	194	CH TM	0
DZ TM	33	EE TM	13	EG TM	4
GE TM	6	ID TM	0	IL TM	0
JP TM	812	KH TM	72	KR TM	260
MD TM	11	MN TM	8	MX TM	183
PG TM	0	PH TM	72	SG TM	0

Display: List Sort: Value - asc

1 - 60 / 2,168 TMview e

Sort by Relevance - desc


Display: 60 per page options

1 - 60 / 2,168 Display: 60 per page options

Choose a pick strategy and an image type to refine the results. As a result the images listed are retrieved by the degree of similarity with the reference image

**FILTER BY**

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

Pick an image  delete

Pick a strategy

- Shape
- Color
- Texture
- Composite

Pick an image type

Verbal	0
Nonverbal	2,123,883
Combined	11,869,772
Unknown	0

CURRENT FILTER

IMAGE:Shape \* ITY:(Nonverbal Combined) \*

per page options

1 / 233,228

Sort by Relevance - desc



# Monthly Webinars



## Global Brand Database Webinars

WIPO offers free online seminars (webinars) to deliver information, training and updates on the [Global Brand Database](#). If you or your organization would be interested in a webinar on a specific topic please [contact us](#).

### Register for upcoming webinars

[Image search in the GBD](#), September 26 at 4.30 p.m.

- Participants should connect to the webinar about 15-20 minutes before the starting time
- The slides from all the webinars will be archived

#### System requirements

- PC: Windows® 8, 7, Vista, XP or 2003 Server
- Mac®: Mac OS® X 10.6 or newer
- Mobile: iPhone®, iPad®, Android™ phone or Android & tablet

# Global Databases, free Intellectual Property data platforms and tools

- PATENTSCOPE
- WIPO Translate
- Global Brand Database
- Global Design Database
- WIPO Lex
- WIPO Pearl





# Global Design database

- URL: <http://www.wipo.int/designdb>
- In production as of January 9 2015.
  
- Free searches for Industrial designs and models in multiple collections:
  - Designs registered under the Hague system
  - National Design Collections for CA, FR, ES, ID, JP, NZ, US, MN, JO, DE, GE, EM
  - Many other national collections planned to be added in the future

# Global Design Database

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

[Join us on September 19 for a free webinar](#)

**SEARCH BY**

Design | Names | Numbers | Dates | Country

Indication of Products ▾ =

Design class ▾ =

Description ▾ =

**search** ↗

**FILTER BY**

Source | Designation | Locarno Class | Reg. Year \*

CA Designs	<b>169,454</b>	DE Designs	<b>1,138,250</b>	ES Designs	<b>417,221</b>
FR Designs	<b>754,253</b>	GE Designs	<b>2,384</b>	JP Designs	<b>563,390</b>
JO Designs	<b>2,193</b>	MN Designs	<b>2,663</b>	NZ Designs	<b>48,486</b>
US Designs	<b>827,034</b>	ID Designs	<b>56,693</b>	EM Designs	<b>1,164,746</b>
WO Designs	<b>97,687</b>				






Display: List ▾ Sort: Value - asc ▾ **filter** ▾

1 - 10 / 5,244,454

Display: 10 per page options

1 / 524,446

Sort by Reg. Date - desc ▾

- |                          |  |  |
|--------------------------|--|--|
| <input type="checkbox"/> | <p><b>NZID</b><br/><b>424843</b><br/>FURNITURE BRACKET<br/>2018-09-13<br/><i>Fredericks Design &amp; Trade Sdn Bhd</i></p> |    |
| <input type="checkbox"/> | <p><b>NZID</b><br/><b>423885</b><br/>A CONTAINER<br/>2018-09-13<br/><i>SISTEMA PLASTICS LIMITED</i></p>                    |    |
| <input type="checkbox"/> | <p><b>NZID</b><br/><b>424905</b><br/>TRAY<br/>2018-09-12<br/><i>Grow Solutions Tech LLC</i></p>                            |  |
| <input type="checkbox"/> | <p><b>NZID</b><br/><b>424838</b><br/>CART<br/>2018-09-12<br/><i>Grow Solutions Tech LLC</i></p>                            |  |
| <input type="checkbox"/> | <p><b>NZID</b><br/><b>424801</b><br/>STRAIGHT TRACK<br/>2018-09-12</p>   |  |

# Search by national classifications and the Locarno classification

## Global Design Database

A world-wide collection of design registrations and information

### SEARCH BY

Design Names Numbers Dates Country

Indication of Products

Design class

Description

- LC.01-01: **Waffles**
- LC.07-02: **Waffle** irons
- JPC5-41100F: Pots, Grills, Hot Plates - **Waffle** Iron S
- US.D07-410: - Warming or cooking - Grid, grille, hold - **Waffle**

### FILTER

#### Lookup individual design classes

Class Description =

Code =

search

#### Current Search

DESC:"ice cream" \*

clear

1 - 21 / 21

Description	Type	Code
Ice cream	LC	01-01
Ice cream cornets [edible]	LC	01-01
Ice cream goblets	LC	07-01
Vessels for making ice cream, non-electric	LC	07-04
Scoops for ice cream	LC	07-99
Ice cream cornets [containers]	LC	09-05
Ice cream drip guards	LC	09-99
Ice cream sticks	LC	09-99
Ice cream cornets (Automatic vending machines for —)	LC	20-01
Ice cream freezers, electric	LC	31-00
Ice Cream Cone Cup	JP	A1-191

# Global Design Database

A world-wide collection of industrial designs data; including WIPO Hague registrations and information.  
[Join us on September 19 for a free webinar](#)

← back

2 / 97687

Hague Registration

Current Status History

## History

### Designated contracting parties:

All CH EM GB LI






### Original Registration under 1999 Act: Bulletin No. 35/2018

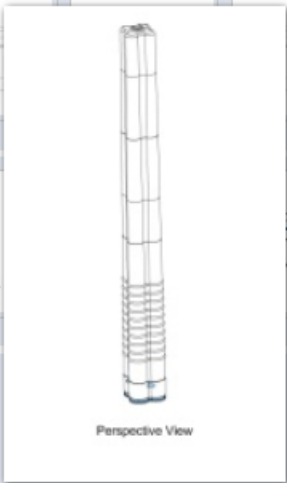
- (11) International Registration Number  
DM/102 564
- (15) Date of the international registration  
21.08.2018
- (22) Filing date  
21.08.2018
- (73) Name and address of the holder(s)  
LUKAS KLAUS WERLE  
Klarenbrunnstraße 46,  
A-6700 Bludenz (AT)
- (86) Contracting Party of which the holder is a national  
EM
- (87) Contracting Party in the territory of which the holder has a domicile  
EM
- (88) Contracting Party in the territory of which the holder has an industrial or commercial establishment  
EM
- (85) Contracting Party to the 1999 Act in the territory of which the holder has a habitual residence  
EM
- (89) Applicant's Contracting Party  
EM
- (72) Name and address of creator of designs  
Martin Anker, St. Anton 54, 6771 St. Anton im Montafon, Austria
- (28) Number of designs included in the international registration  
11

# New Result List

1 - 10 / 1,839,875      Display: 10 per page      options

Sort by Reg. Date - desc

<b>NZID</b> <b>423693</b> Cooler (Open Lid) 2018-05-30 <i>Helen of Troy Limited</i>	
<b>NZID</b> <b>423703</b> Cooler (Lid Open) 2018-05-30 <i>Helen of Troy Limited</i>	
<b>NZID</b> <b>422743</b> Delineator Base. 2018-05-29 <i>TRAFFIC SIGNS NZ LIMITED</i>	
<b>NZID</b> <b>424109</b> A daybed 2018-05-29 <i>KING FURNITURE AUSTRALIA PTY LTD</i>	
<b>NZID</b> <b>424106</b> A chair 2018-05-29	



Perspective View

# Monthly Webinars

**WIPO**

WORLD INTELLECTUAL PROPERTY ORGANIZATION

[IP Services](#) [Policy](#) [Cooperation](#) [Knowledge](#) [About IP](#) [About WIPO](#)

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# Global Databases, free Intellectual Property data platforms and tools

- PATENTSCOPE
- WIPO Translate
- Global Brand Database
- Global Design Database
- WIPO Lex
- WIPO Pearl



## WIPO Lex

WIPO Lex is a global database that provides free of charge access to legal information on intellectual property (IP) such as treaties administered by WIPO, other IP-related treaties, and laws and regulations of the Members States of WIPO, the United Nations and the World Trade Organization.

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- [How to Use](#)

IP Legislation

Treaties

Full Text Search

WIPO/WTO/UN Members

Croatia (55)  
Cuba (65)  
Cyprus (41)  
**Czech Republic (47)**  
Côte d'Ivoire (12)  
Democratic People's Republic of Korea (23)

Subject Matter

Select a Topic

Search WIPO Lex



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- [Brochure](#)
- [How to Use](#)

IP Legislation    Treaties    Full Text Search

## WIPO/WTO/UN Members

- Croatia (55)
- Cuba (65)
- Cyprus (41)
- Czech Republic (47)**
- Côte d'Ivoire (12)
- Democratic People's Republic of Korea (23)

## Subject Matter

- Select a Topic
- Alternative Dispute Resolution (ADR)
- Competition
- Copyright and Related Rights (Neighboring Rights)
- Domain Names
- Enforcement of IP and Related Laws
- Genetic Resources
- Geographical Indications
- IP Regulatory Body
- Industrial Designs
- Industrial Property
- Layout Designs of Integrated Circuits
- Patents (Inventions)**
- Plant Variety Protection
- Trade Names
- Trademarks
- Traditional Cultural Expressions
- Traditional Knowledge (TK)
- Transfer of Technology
- Undisclosed Information (Trade Secrets)
- Utility Models
- Other

## News on IP Laws

[Namibia: Industrial Property Regulations \(Repealed\)](#)  
August 1, 2018

[Namibia: Industrial Property Act, 2012 \(Act No. 14 of 2012\)](#)  
August 1, 2018

## WIPO Lex Search

Query:

**Czech Republic  
Patents (Inventions)**

43 record(s) found.

### Main IP Laws: enacted by the Legislature

Date of Text	Entity	Title
June 21, 2000	Czech Republic	<a href="#">Law of 21 June 2000, on the Protection of Biotechnological Inventions and on the Amendment to Act No. 132/1989 of Coll., on the Protection of Rights to New Plant and Animal Varieties, as amended by Act No. 93/1996 of Coll.</a>
June 21, 2000	Czech Republic	<a href="#">Act No. 207/2000 Coll., of June 21, 2000, on the Protection of Industrial Designs and the Amendment to Act No. 527/1990 of Coll., on Inventions, Industrial Designs and Rationalization Proposals</a>
April 6, 2000	Czech Republic	<a href="#">Law No. 116 of April 6, 2000, on Amendments to Certain Acts on the Protection of Industrial Property</a>
May 17, 1991	Czech Republic	<a href="#">Law No. 237 of May 17, 1991, on Patent Agents</a>
November 27, 1990	Czech Republic	<a href="#">Law No. 527/1990 of November 27, 1990, on Inventions and Rationalization Proposals (as amended by No. Act No. 378/2007 Coll.)</a>

### IP-related Laws: enacted by the Legislature

Date of Text	Entity	Title
December 6, 2007	Czech Republic	<a href="#">Act No. 378/2007 Sb. of 6 December 2007 on Pharmaceuticals and on Amendments to Some Related Acts (the Act on Pharmaceuticals)</a>
November 26, 2004	Czech Republic	<a href="#">Act No. 634 of November 26, 2004 on Administrative Fees</a>
June 10, 2004	Czech Republic	<a href="#">Act from 10 June 2004 on Patent Attorneys and on Modification of the Act on Measures for Protection of Industrial Property</a>
April 9, 2002	Czech Republic	<a href="#">Act No. 173/2002 Coll. of 9 April 2002 on Fees for Maintenance of Patents and Supplementary Protection Certificates for Medicaments and Plant Protection Products and on Amendment of some Acts</a>
November 5, 1991	Czech Republic	<a href="#">Law No. 513/1991 Coll., Commercial Code</a>
February 24, 1964	Czech Republic	<a href="#">Civil Code, No. 40 of 24 February 1964 (as amended)</a>

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## News on IP Laws

### [Sweden: Act on Trade Secrets \(2018:558\)](#)

July 1, 2018

### [United Kingdom: Digital Economy Act 2017](#)

June 30, 2018

### [Italy: Legislative Decree No. 63 of May 11, 2018, on the Implementation of Directive \(EU\) 2016/943 \[...\]](#)

June 22, 2018

### [United Kingdom: Designs \(International Registration of Industrial Designs\) Order 2018](#)

June 13, 2018

### [Luxembourg: Law of April 25, 2018, on the Collective Management of Copyright and Related Rights and the Multi-Territorial Licensing of Rights in Musical Works for Online Use in the Internal Market \[...\]](#)

April 29, 2018

### [Mexico: Decree on Amendments and Additions to a Number of Provisions of the Industrial Property Law](#)

April 27, 2018

### [Luxembourg: Law of April 17, 2018, on Amendments to the Law of December 4, 1967, on Income Tax Relating to the Tax Treatment of Intellectual Property, and Amendments to the Law of October 16, 1934, on the Valuation of Property and Values \('Valuation Law'\)](#)

April 19, 2018

### [Spain: Royal Decree-Law No. 2/2018 of April 13, 2018, on Amendments to the Consolidated Text of the Law on Intellectual Property, approved by Royal Legislative Decree No. 1/1996 of April 12, 1996 \[...\]](#)

April 15, 2018

# Global Databases, free Intellectual Property data platforms and tools

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# To remember

- PATENTSCOPE: Free and powerful patent search system with a growing and significant data coverage: recommended to be used in addition to professional systems to guarantee a research as exhaustive as possible. Strong points: multilingual research and search for chemical formulas
- Try WIPO \* Translate for Patent Texts in Chinese and Japanese
- Global Brand Database: Use to search for free names for domain names as well as for trademark infringement checks. Think about image similarity search when classification searches are not working well

# Resolving IP Disputes outside the Courts



Monika Zikova, Program Officer  
Section for Coordination with Developed Countries,  
Department for Transition and Developed Countries

# WIPO Arbitration and Mediation Center

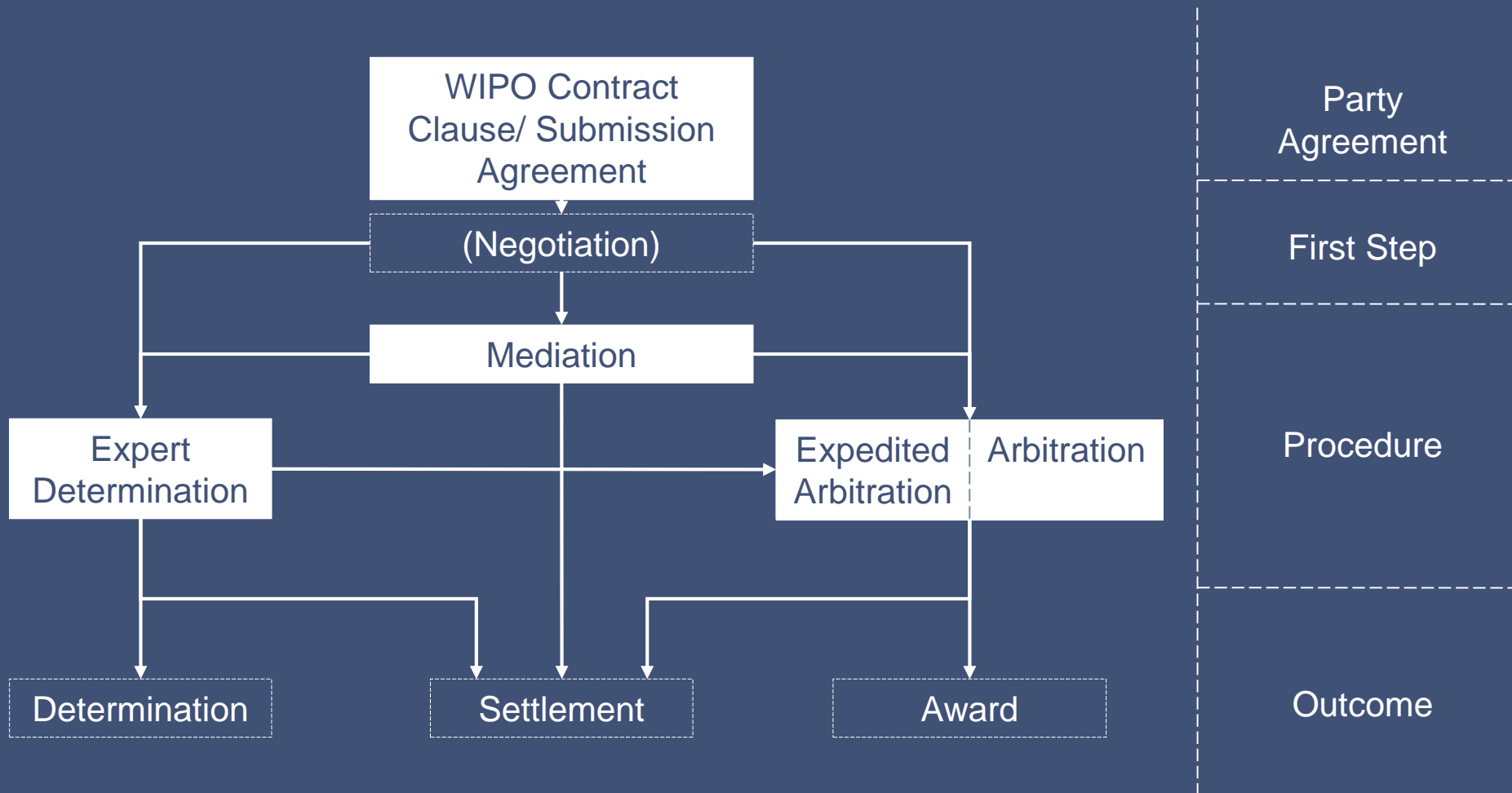




Facilitates resolution of commercial disputes involving IP and technology, through procedures other than court litigation

- Offices in Geneva and Singapore
- Users around the world
- WIPO mediators, arbitrators and experts experienced in IP and technology - able to deliver informed results efficiently
- Competitive fees
- International neutrality
- Services include mediation, (expedited) arbitration, expert determination, and domain name dispute resolution

# WIPO ADR Options



# What types of disputes

## ■ Contractual

- licensing agreement (patents, trademarks, copyright, sw)
- research and development agreement
- technology transfer/franchising agreement
- distribution agreement
- film production, TV distribution, art related agreement
- IT agreement, joint venture, consultancy agreement

## ■ Non-contractual

- IP infringement – patent, trademark, copyright

# Mediation

- Informal consensual process
- Neutral intermediary, the mediator, helps the parties in reaching a settlement while respecting their interests
- The settlement agreement has force of contract
- Mediation leaves open available court or agreed arbitration options

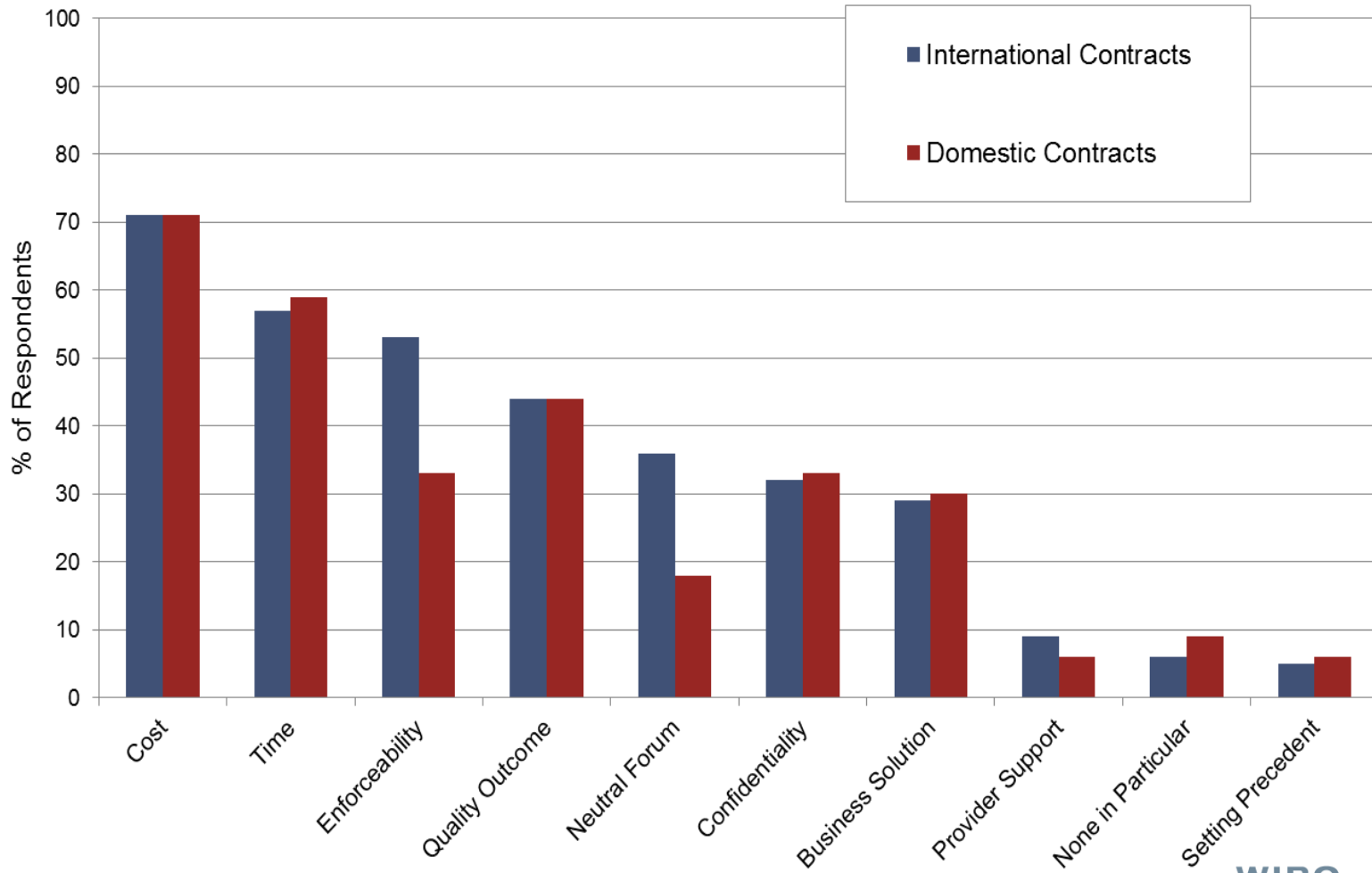
# Arbitration

- Consensual procedure
- Parties submit their dispute to one or more chosen arbitrators, for a binding and final decision
- Based on the parties' rights and obligations and enforceable internationally
- Arbitration normally forecloses court options

# Expert Determination

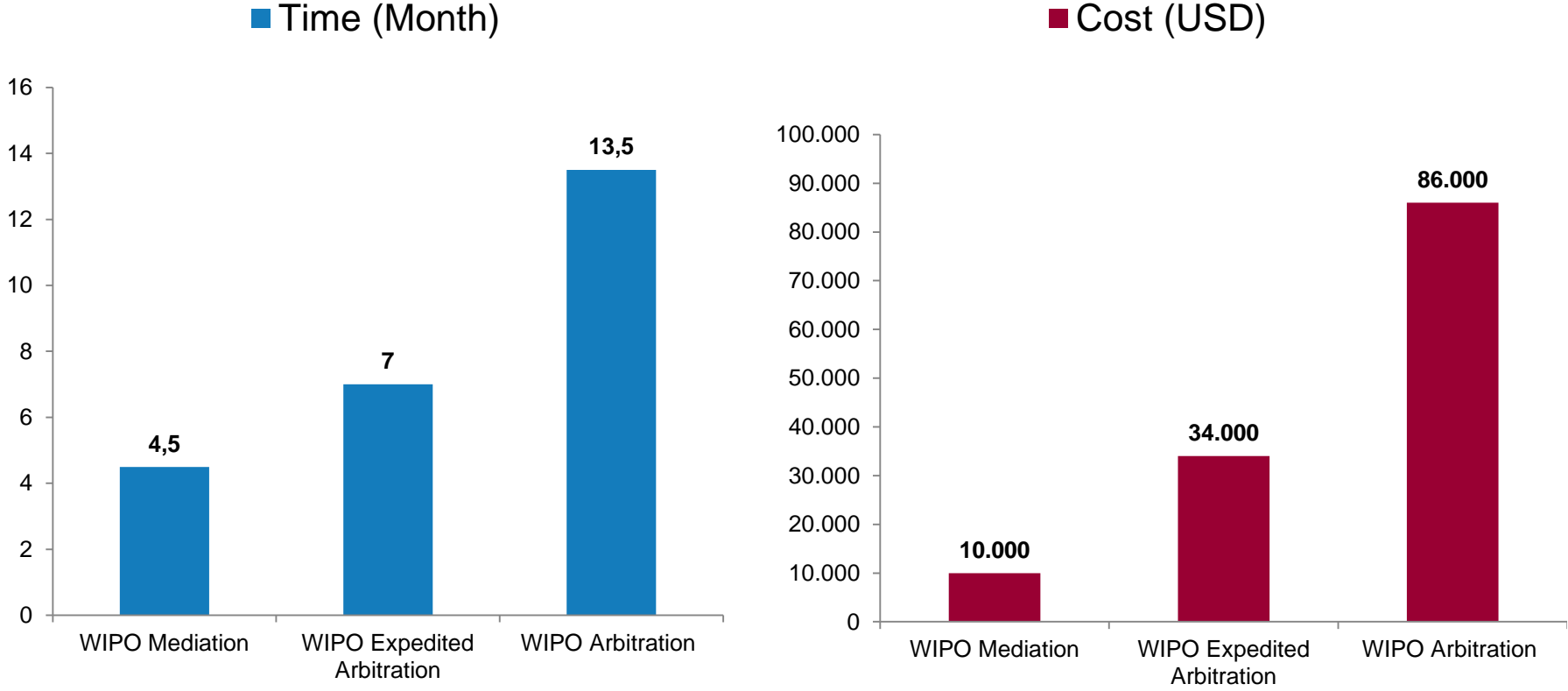
- consensual procedure
- parties submit a specific matter (e.g., technical question) to one or more experts
- determination on the matter
- binding unless parties have agreed otherwise

# Top 10 Priorities



Source: WIPO Center Report on International Survey of Dispute Resolution in Technology Transactions

# WIPO Cases: Typical Time and Cost

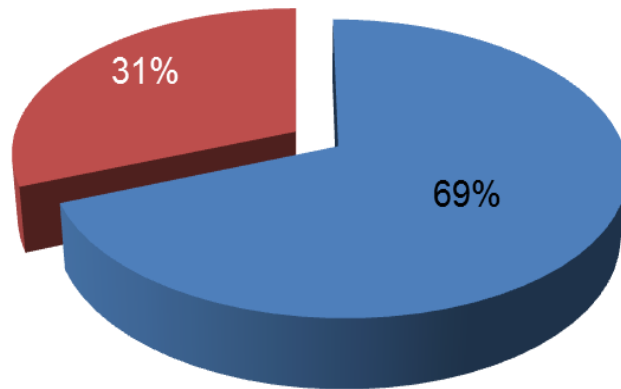


\* Excluding cost of parties legal representation



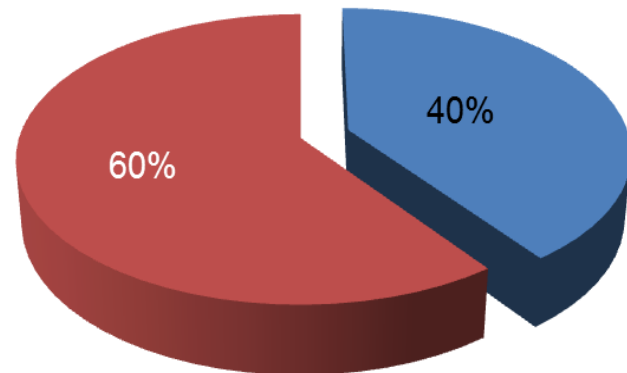
## Mediation

■ Settlement ■ Non-Settlement

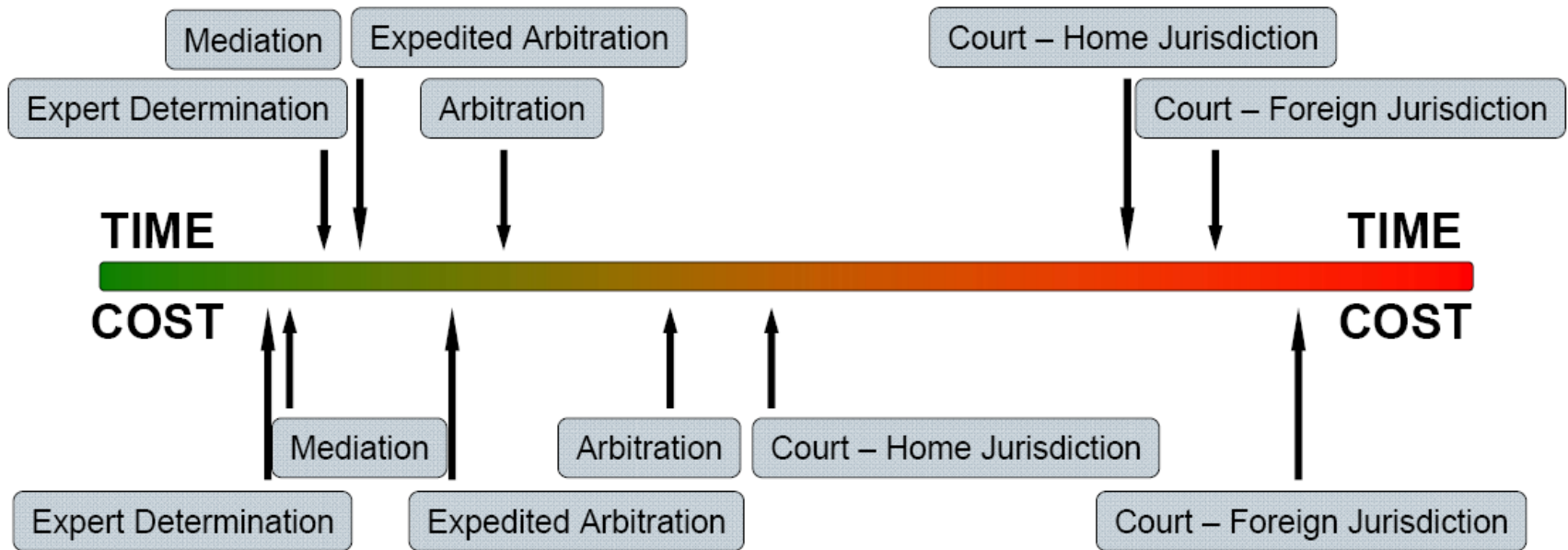


## Arbitration

■ Settlement ■ Non-Settlement (Arbitral Award)



# Relative Time and Cost



WIPO Center Report on International Survey of Dispute Resolution in Technology Transactions

# Mediation, (Expedited) Arbitration, Expert Determination Fee Calculator

The fees referenced below are estimates, in **United States dollars**. Final amounts payable are to be decided in consultation with the [Center](#).

Type of Procedure



Amount in Dispute in USD



Dispute is not quantifiable or Request does not indicate any claims for a monetary amount



WIPO PCT Filer, Hague System Filer, Madrid System Filer, WIPO Green Technology Provider or Seeker



Calculate

Reset

Registration Fee No Registration Fee

Administration Fee USD 375

Mediator's Fee USD 300-USD 600 per hour USD 1,500-USD 3,500 per day.

## Schedule of Fees

Mediation

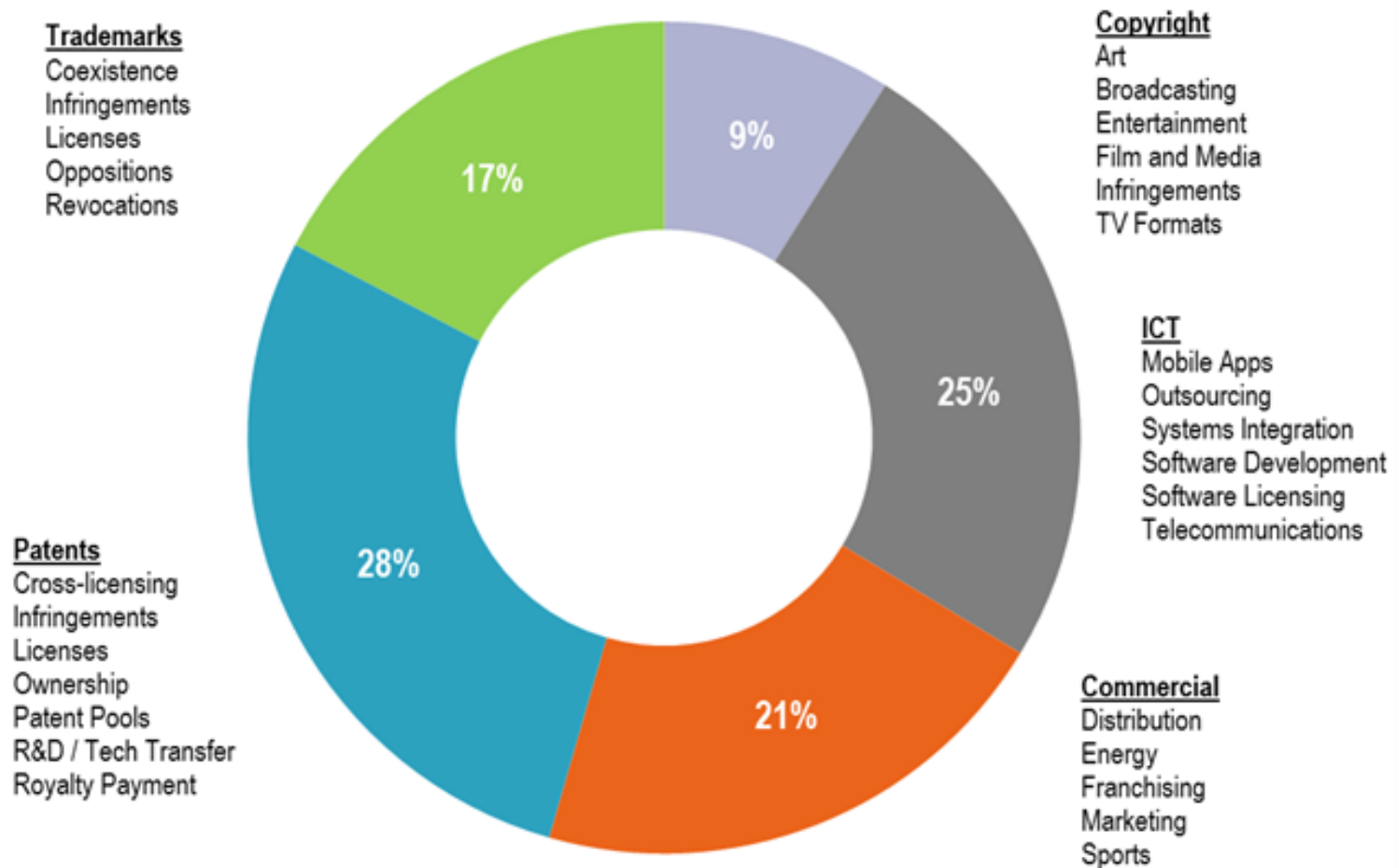
Arbitration / Expedited Arbitration

Expert Determination

Emergency Relief Proceedings (Effective from June 1, 2014)

For further information and payment details, click on the applicable schedule of fees and costs on the right hand side of the page.

# Dispute Areas in WIPO Mediation and Arbitration Cases



# Internet Domain Name Disputes



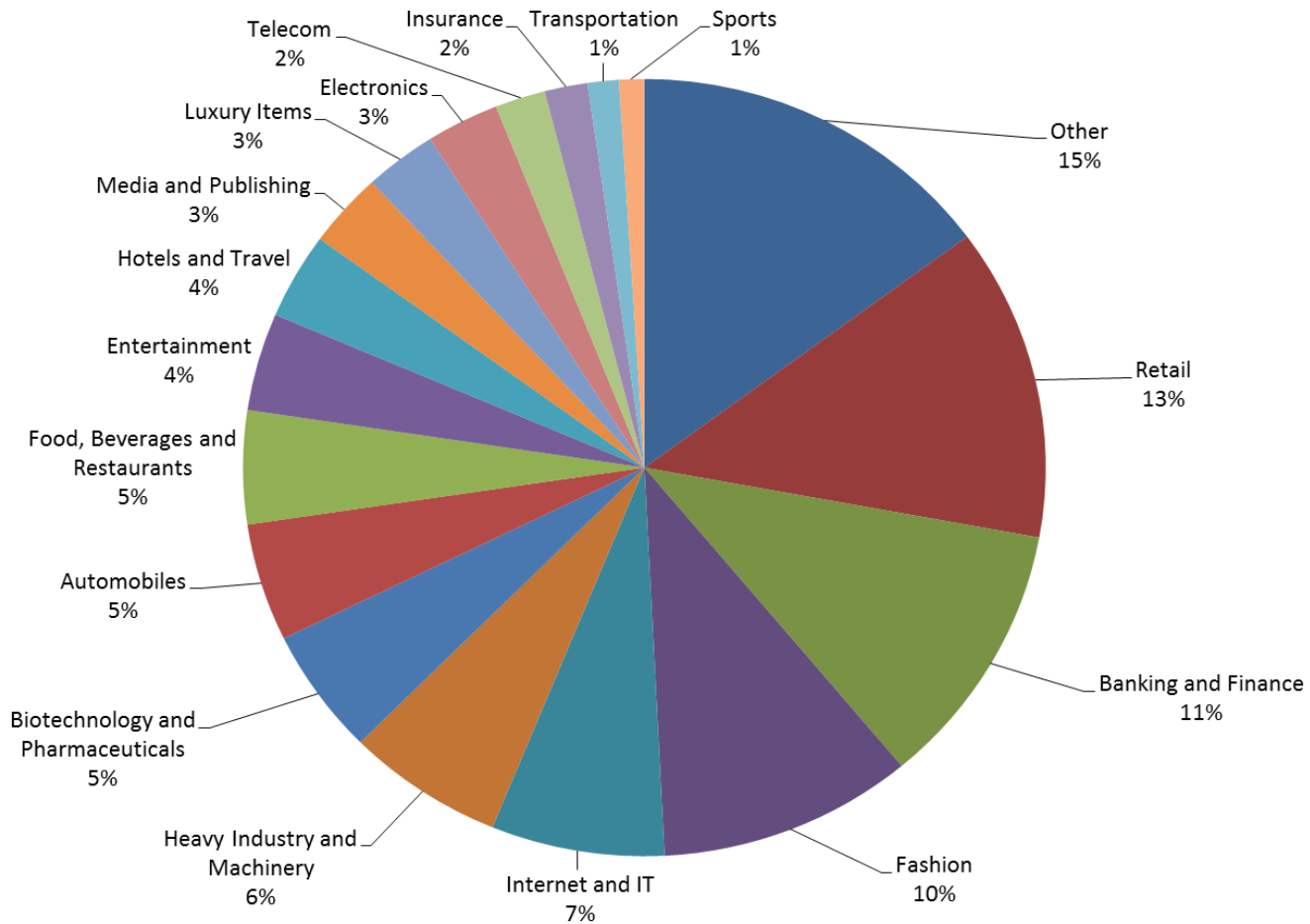
Photo credit: WIPO

- WIPO operates the Uniform Domain Name Dispute Resolution Policy (UDRP)
- Allows trademark owners to file “clear cut” cases of abusive domain name registration and use without going to court
- Applicable to all international domains “old” (.com, .net, etc.) and “new” (.bike, .xyz, etc.)
- Also available for 74 national domains, including the .eu domain

# The UDRP Test

- Trademark must be **identical or confusingly similar** to the domain name; and
- The registrant of the domain name must have **no rights or legitimate interests** in the domain name; and
- The domain name must have been registered and used **in bad faith**.

# Cybersquatting Areas





# UDRP Advantages

- Quicker and cheaper than court litigation
- Two-month average;
- Fixed fees (USD 1,500)
- Predictable results
- Decision (transfer) implemented directly by registrar
- Prevents consumer confusion and brand abuse









- global leader in domain name dispute resolution
- 16 years experience:
  - 35,000+ cases covering 65,000+ domain names
  - Involving parties based in 113 countries
  - Multilingual case administration (21 languages to date)
  - Paperless filing: WIPO-initiated eUDRP

- Queries:  
[arbiter.mail@wipo.int](mailto:arbiter.mail@wipo.int)
  
- Clauses:  
[www.wipo.int/amc/en/clauses/](http://www.wipo.int/amc/en/clauses/)
  
- Rules:  
<http://www.wipo.int/amc/en/rules/>
  
- Case examples:  
[www.wipo.int/amc/](http://www.wipo.int/amc/)
  
- WIPO domain name dispute resolution:  
[www.wipo.int/amc/en/domains/](http://www.wipo.int/amc/en/domains/)



# GLOBAL IP PLATFORM

# GLOBAL IP PLATFORM POC

<b>PATENTS</b> <small>PCT</small>  WIPO   PCT International Patent System <a href="#">View more</a>	<b>MARKS</b> <small>MADRID</small>  WIPO   Madrid International Trademark System <a href="#">View more</a>	<b>DESIGNS</b> <small>HAGUE</small>  WIPO   Hague International Industrial Design System <a href="#">View more</a>	<b>FINANCE</b>  WIPO   Finance Fee Processing and Distribution <a href="#">View more</a>
<b>IP DISPUTE RESOLUTION</b>  WIPO   ADR Mediation, Arbitration, Expert Determination <a href="#">View more</a>	<b>DOMAIN NAMES</b>  WIPO   ADR Domain Name Dispute Resolution <a href="#">View more</a>	<b>GEOGRAPHICAL INDICATIONS</b>  WIPO Geographical Indications <a href="#">View more</a>	<b>LANGUAGE &amp; LEGAL</b>  WIPO Language and Legal tools <a href="#">View more</a>
<b>NEWS</b> <small>WIPO PRESS RELEASES</small> [24 May 2018] <a href="#">WIPO Translate: Republic of Korea is First to Adopt WIPO's "Artificial Intelligence" - Powered Patent Translation Tool</a>	<b>DOCUMENT UPLOAD</b> Select a file * <input type="button" value="Choose"/>		

# GLOBAL IP PLATFORM

The Global IP Platform is a WIPO initiative aimed at improving your user experience by standardizing online services, such as:

**Filing systems • Search Databases • Renewals  
Classification tools • Payment Processing**



Scan the QR code to watch the video presentation and take the survey:



<https://www5.wipo.int/gipp-video/trusted>

The implementation of a new customizable customer portal will 'join up' the different services and bring:

- ✓ Standardization of the appearance of services
- ✓ Consistent way of making payments to WIPO
- ✓ Direct access to user profile
- ✓ Improved access to services
- ✓ Single user account for all services
- ✓ Corporate accounts for your Organization
- ✓ Online services will look the same

