

Roving Seminar on WIPO Services and Initiatives



Brussels, September 18, 2018

Introduction to WIPO



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Section for Coordination with Developed Countries,
Department for Transition and Developed Countries

Brussels, September 18, 2018



- 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

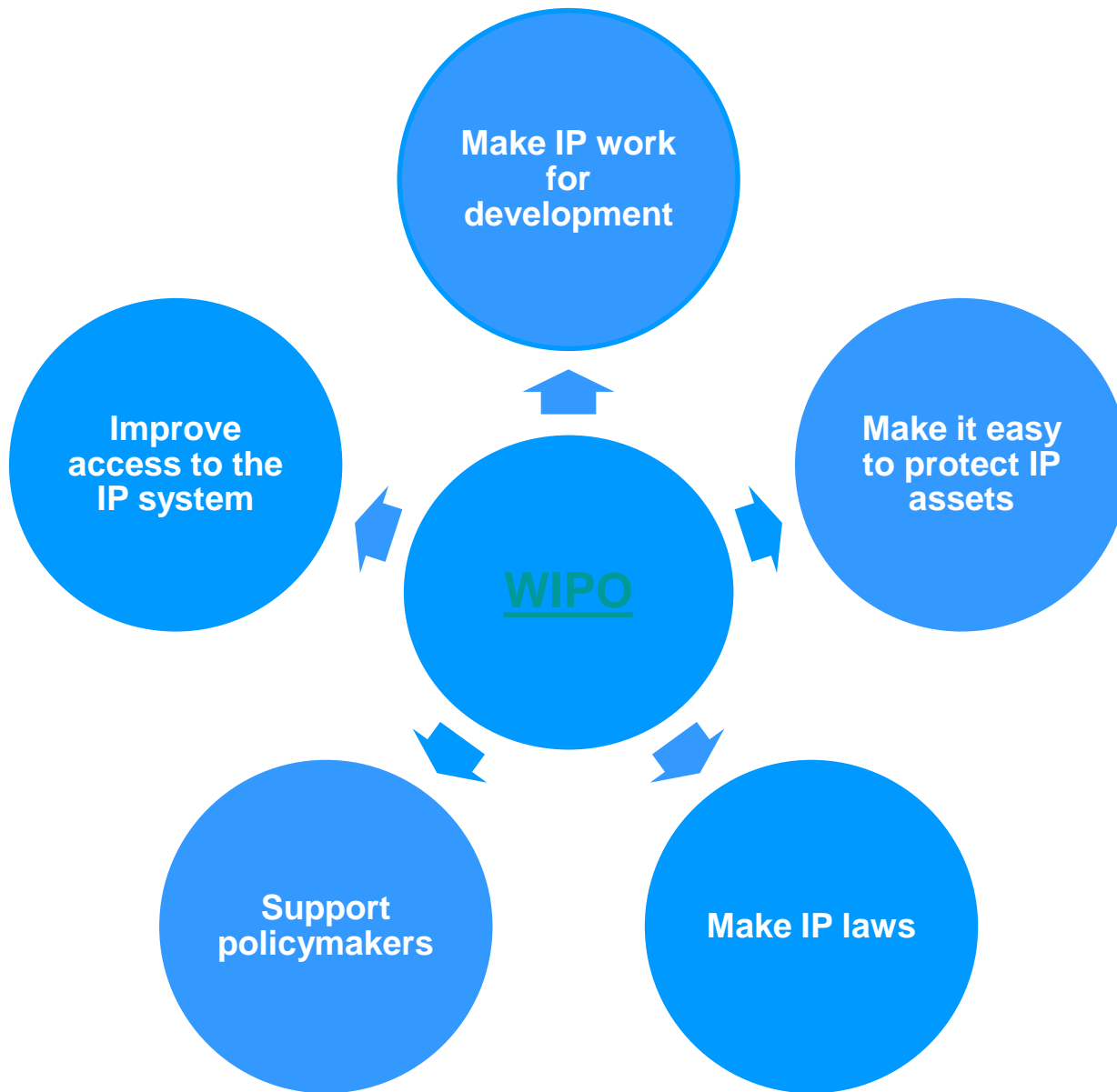
China

Japan

Singapore

Brazil

WIPO main offices



Normative Developments

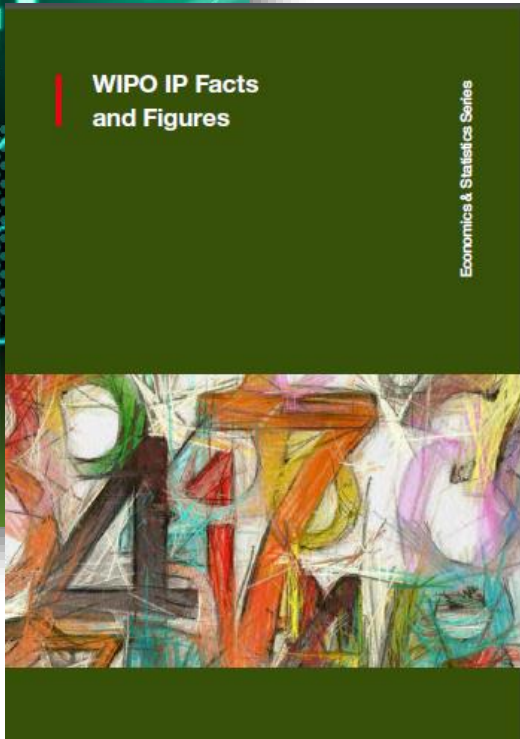
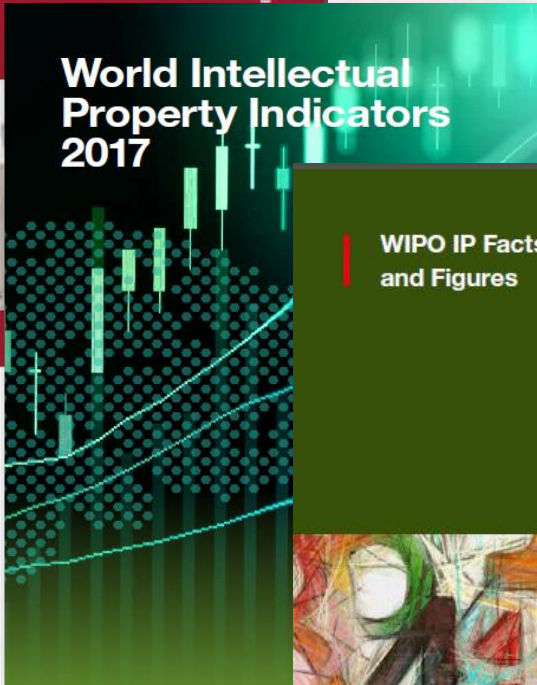




2015



2014



GLOBAL INNOVATION INDEX 2018

Energizing the World with Innovation



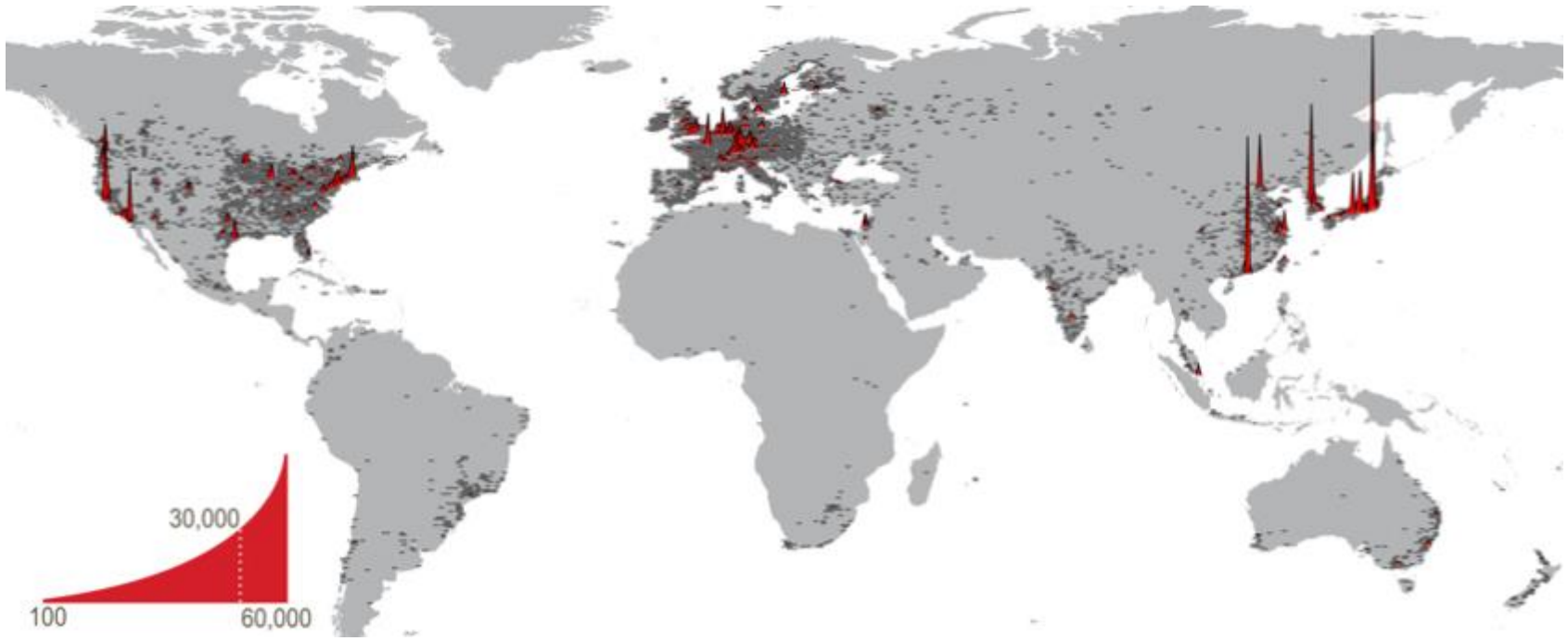
Belgium



Table 1: Summary of geocoding results

Country	Scientific publications		PCT applications				
	Number of addresses	City-level address accuracy (%)	Number of addresses	Block-level address accuracy (%)	Sub-City-level address accuracy (%)	City-level address accuracy (%)	Total address accuracy (%)
United States of America	5,339,705	98.18	803,058	94.61	4.94	0.19	99.73
China	2,444,482	99.10	305,311	2.32	0.27	96.81	99.40
Japan	1,046,116	96.20	505,270	39.22	31.79	27.91	98.91
Germany	1,144,157	97.32	254,843	97.37	0.46	1.58	99.41
United Kingdom	1,135,996	96.53	75,484	78.83	5.59	12.81	97.22
France	977,704	92.78	103,013	85.16	1.35	7.10	93.62
Italy	883,205	95.48	39,345	85.86	4.76	7.67	98.28
Republic of Korea	661,015	93.10	185,861	0.17	0.76	82.20	83.12
Canada	724,727	98.63	41,091	96.66	2.27	0.60	99.53
Spain	668,199	96.59	26,791	66.58	8.30	23.50	98.39
Australia	641,940	86.27	19,410	92.42	5.10	1.16	98.69
India	526,411	96.18	35,147	32.79	39.18	22.28	94.25
Brazil	499,076	98.77	8,526	77.73	13.02	7.49	98.24
Netherlands	433,044	97.30	48,506	91.01	0.68	7.67	99.36
Turkey	341,875	96.66	9,024	27.26	50.8	17.00	95.06
Switzerland	261,694	90.86	34,227	86.90	6.54	5.30	98.74
Russian Federation	279,909	99.09	15,347	81.02	5.34	11.08	97.44
Sweden	244,009	97.58	37,491	94.45	0.89	3.92	99.26
Poland	238,847	98.84	5,779	95.09	2.54	1.54	99.17
Belgium	206,156	94.10	16,680	92.13	1.18	5.12	98.42

Notes: This list includes the top 20 countries that account for the highest combined shares of patents and scientific articles. PCT inventor addresses were geocoded to highest level of detail. Due to the much larger volume, scientific author addresses were geocoded to the city level only.



BELGIUM

GII 2018 rank

25

Output rank	Input rank	Income	Region	Efficiency ratio	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	GII 2017 rank
23	21	High	EUR	38	11.4	526.4	46,553.1	27

Institutions 82.2 20

	Score/Value	Rank
1.1 Political environment	77.3	24
1.1.1 Political stability & safety*	75.8	40
1.1.2 Government effectiveness*	78.1	23
1.2 Regulatory environment	81.3	27
1.2.1 Regulatory quality*	78.5	21
1.2.2 Rule of law*	82.4	20
1.2.3 Cost of redundancy dismissal, salary weeks	19.7	75 ○
1.3 Business environment	87.9	9 ●
1.3.1 Ease of starting a business*	94.4	14
1.3.2 Ease of resolving insolvency*	81.5	10 ●

Human capital & research 55.7 13 ●

	Score/Value	Rank
2.1 Education	66.4	10 ●●
2.1.1 Expenditure on education, % GDP	6.6	15
2.1.2 Government funding/pupil, secondary, % GDP/cap	25.7	22
2.1.3 School life expectancy, years ⁹	19.8	2 ●●
2.1.4 PISA scales in reading, maths & science	502.5	18
2.1.5 Pupil-teacher ratio, secondary ⁹	9.4	21 ●
2.2 Tertiary education	40.2	35
2.2.1 Tertiary enrolment, % gross ⁹	74.6	20
2.2.2 Graduates in science & engineering, % ⁹	17.4	71 ○
2.2.3 Tertiary inbound mobility, % ⁹	11.2	13
2.3 Research & development (R&D)	60.6	16
2.3.1 Researchers, FTE/mn pop	4,734.0	15
2.3.2 Gross expenditure on R&D, % GDP	2.5	11 ●
2.3.3 Global R&D companies, top 3, mn US\$	66.5	21
2.3.4 QS university ranking, average score top 3*	60.5	16

Infrastructure 56.5 30 ○

	Score/Value	Rank
3.1 Information & communication technologies (ICTs)	72.3	34 ○
3.1.1 ICT access*	81.5	20
3.1.2 ICT use*	72.2	27
3.1.3 Government's online service*	71.0	43 ○
3.1.4 E-participation*	64.4	54 ○○
3.2 General infrastructure	53.3	19
3.2.1 Electricity output, kWh/cap	7,276.9	30
3.2.2 Logistics performance*	94.6	6 ●
3.2.3 Gross capital formation, % GDP	23.5	54
3.3 Ecological sustainability	43.9	45
3.3.1 GDP/unit of energy use	8.3	68 ○
3.3.2 Environmental performance*	77.4	15
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP	2.3	48

Market sophistication 51.6 42 ○

	Score/Value	Rank
4.1 Credit	35.8	68 ○○
4.1.1 Ease of getting credit*	45.0	88 ○○
4.1.2 Domestic credit to private sector, % GDP	64.4	50 ○
4.1.3 Microfinance gross loans, % GDP	n/a	n/a
4.2 Investment	45.7	47
4.2.1 Ease of protecting minority investors*	60.0	56 ○
4.2.2 Market capitalization, % GDP	81.0	20
4.2.3 Venture capital deals/bn PPP\$ GDP	0.1	17
4.3 Trade, competition, & market scale	73.5	21
4.3.1 Applied tariff rate, weighted mean, %	1.6	19
4.3.2 Intensity of local competition ¹	80.0	10 ●
4.3.3 Domestic market scale, bn PPP\$	526.4	35

Business sophistication 51.6 17

	Score/Value	Rank
5.1 Knowledge workers	70.5	6 ●
5.1.1 Knowledge-intensive employment, %	45.8	12
5.1.2 Firms offering formal training, % firms	n/a	n/a
5.1.3 GERD performed by business, % GDP	1.7	11
5.1.4 GERD financed by business, %	58.6	12
5.1.5 Females employed w/advanced degrees, %	23.8	13
5.2 Innovation linkages	45.3	23
5.2.1 University/industry research collaboration ¹	7.1	9 ●
5.2.2 State of cluster development ¹	63.7	18
5.2.3 GERD financed by abroad, %	16.5	26
5.2.4 JV-strategic alliance deals/bn PPP\$ GDP	0.0	35
5.2.5 Patent families 2+ offices/bn PPP\$ GDP	2.5	17
5.3 Knowledge absorption	39.1	30
5.3.1 Intellectual property payments, % total trade	0.8	45
5.3.2 High-tech net imports, % total trade	9.7	42
5.3.3 ICT services imports, % total trade	2.2	19
5.3.4 FDI net inflows, % GDP	(1.0)	124 ○
5.3.5 Research talent, % in business enterprise	52.3	19

Knowledge & technology outputs 40.2 20

	Score/Value	Rank
6.1 Knowledge creation	47.5	14
6.1.1 Patents by origin/bn PPP\$ GDP	6.4	18
6.1.2 PCT patents by origin/bn PPP\$ GDP	2.6	15
6.1.3 Utility models by origin/bn PPP\$ GDP	n/a	n/a
6.1.4 Scientific & technical articles/bn PPP\$ GDP	24.5	18
6.1.5 Citable documents H index	53.2	13 ●
6.2 Knowledge impact	44.5	30
6.2.1 Growth rate of PPP\$ GDP/worker, %	(9)	83 ○
6.2.2 New businesses/10 pop. 15-64	3.7	34
6.2.3 Computer software spending, % GDP	0.7	7 ●
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP	7.1	47
6.2.5 High- & medium-high-tech manufactures, %	0.4	21
6.3 Knowledge diffusion	28.7	36 ○
6.3.1 Intellectual property receipts, % total trade	0.9	20
6.3.2 High-tech net exports, % total trade	10.4	19
6.3.3 ICT services exports, % total trade	2.8	37
6.3.4 FDI net outflows, % GDP	0.2	94 ○○

Creative outputs 42.7 27 ○

	Score/Value	Rank
7.1 Intangible assets	50.9	34
7.1.1 Trademarks by origin/bn PPP\$ GDP	47.5	54
7.1.2 Industrial designs by origin/bn PPP\$ GDP	7.7	44
7.1.3 ICTs & business model creation ¹	76.6	17
7.1.4 ICTs & organizational model creation ¹	72.6	17
7.2 Creative goods & services	42.9	10 ●
7.2.1 Cultural & creative services exports, % total trade ⁹	1.7	6 ●●
7.2.2 National feature films/mn pop. 15-69	8.7	18
7.2.3 Entertainment & Media market/10 pop. 15-69	53.7	15
7.2.4 Printing & other media, % manufacturing	1.3	35
7.2.5 Creative goods exports, % total trade	1.8	29
7.3 Online creativity	26.1	29 ○
7.3.1 Generic top-level domains (TLDs)/10 pop. 15-69	21.4	27
7.3.2 Country-code TLDs/10 pop. 15-69	57.0	12 ●
7.3.3 Wikipedia edits/mn pop. 15-69	30.7	29
7.3.4 Mobile app creation/bn PPP\$ GDP	5.4	64 ○○



Twitter: @wipo

WIPO Magazine

www.wipo.int/wipo_magazine

WIPO Wire:

www.wipo.int/newsletters



The Patent Cooperation Treaty (PCT)



Ms. Eva Schumm, Legal Officer
PCT Legal and User Support Section
PCT Legal and User Relations Division

Brussels, September 18, 2018



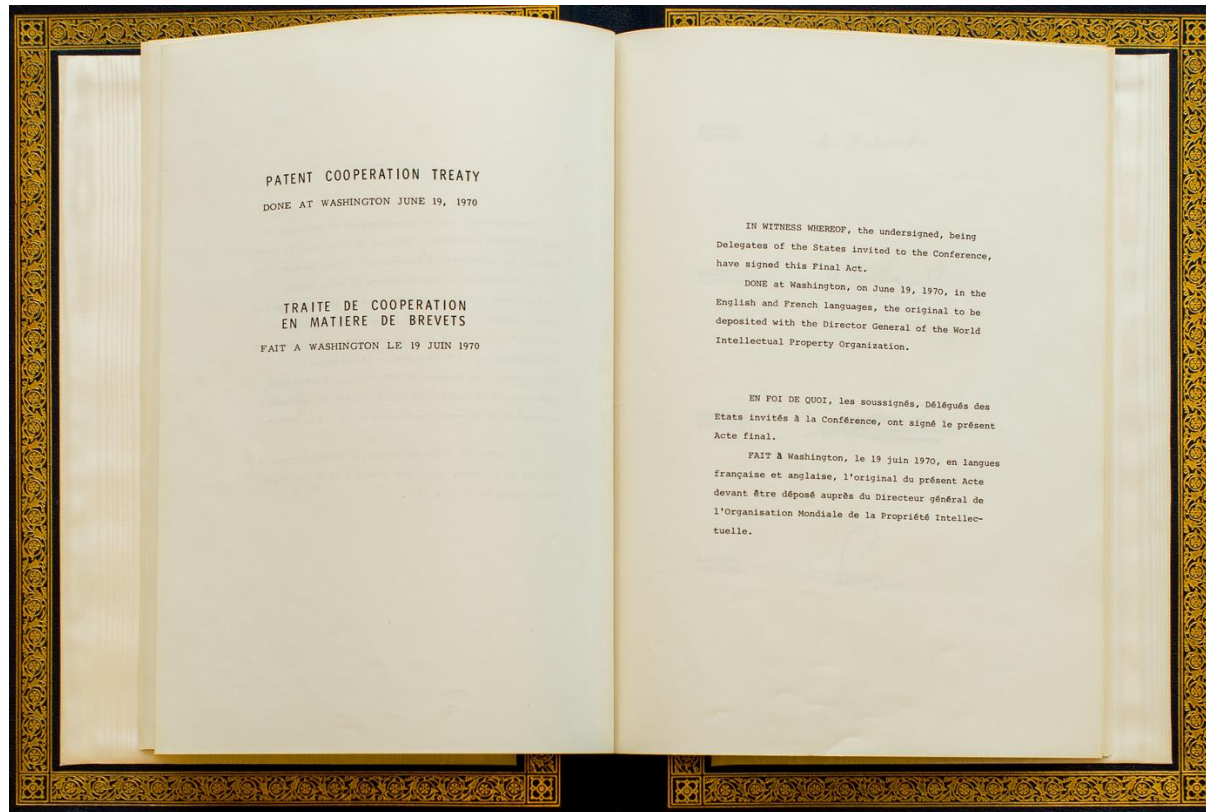
WIPO

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Introduction to the PCT System

40 Years of the PCT

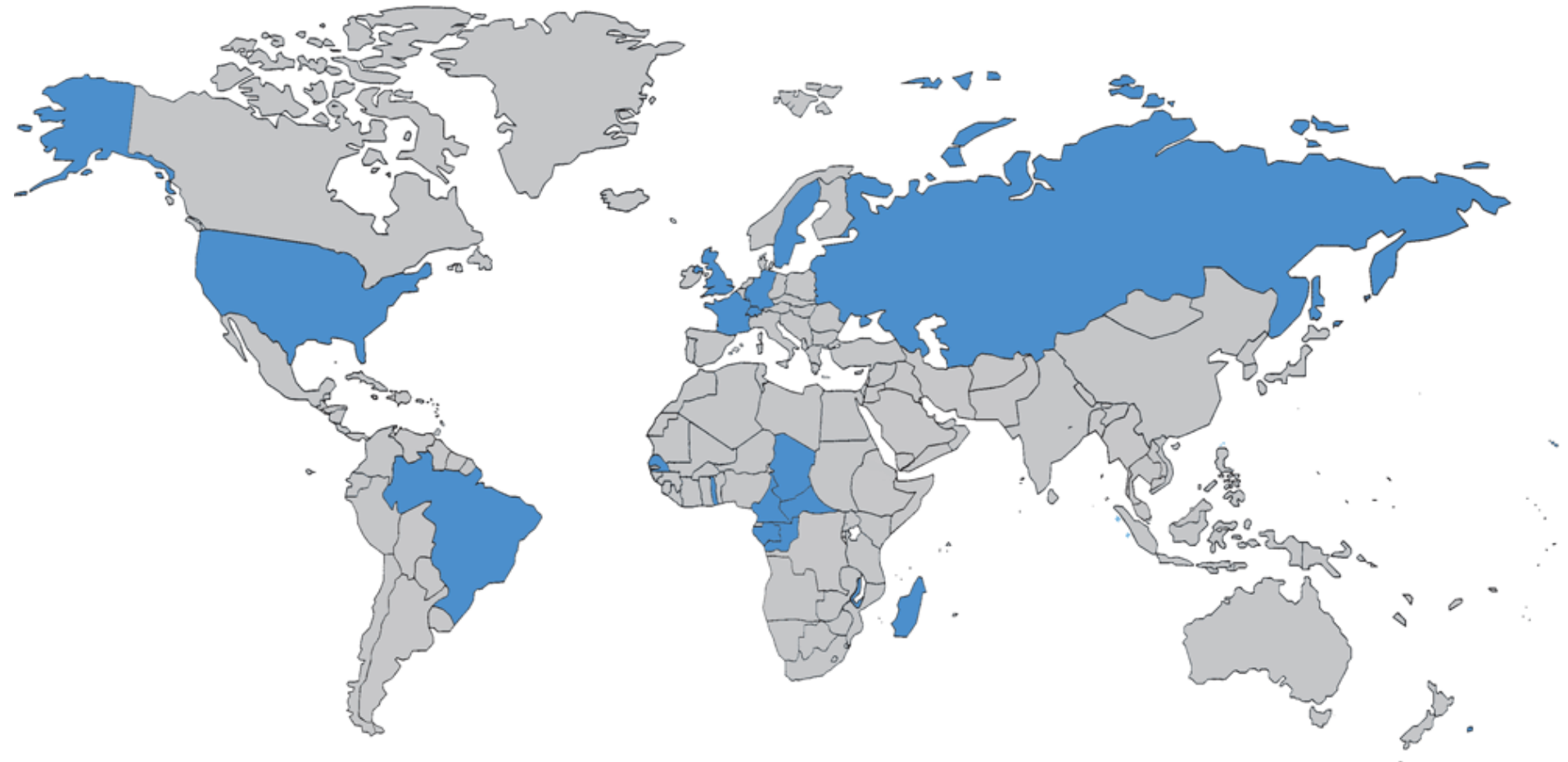
- 24 January 2018: 40th anniversary of the entry into force of the Patent Cooperation Treaty (PCT)



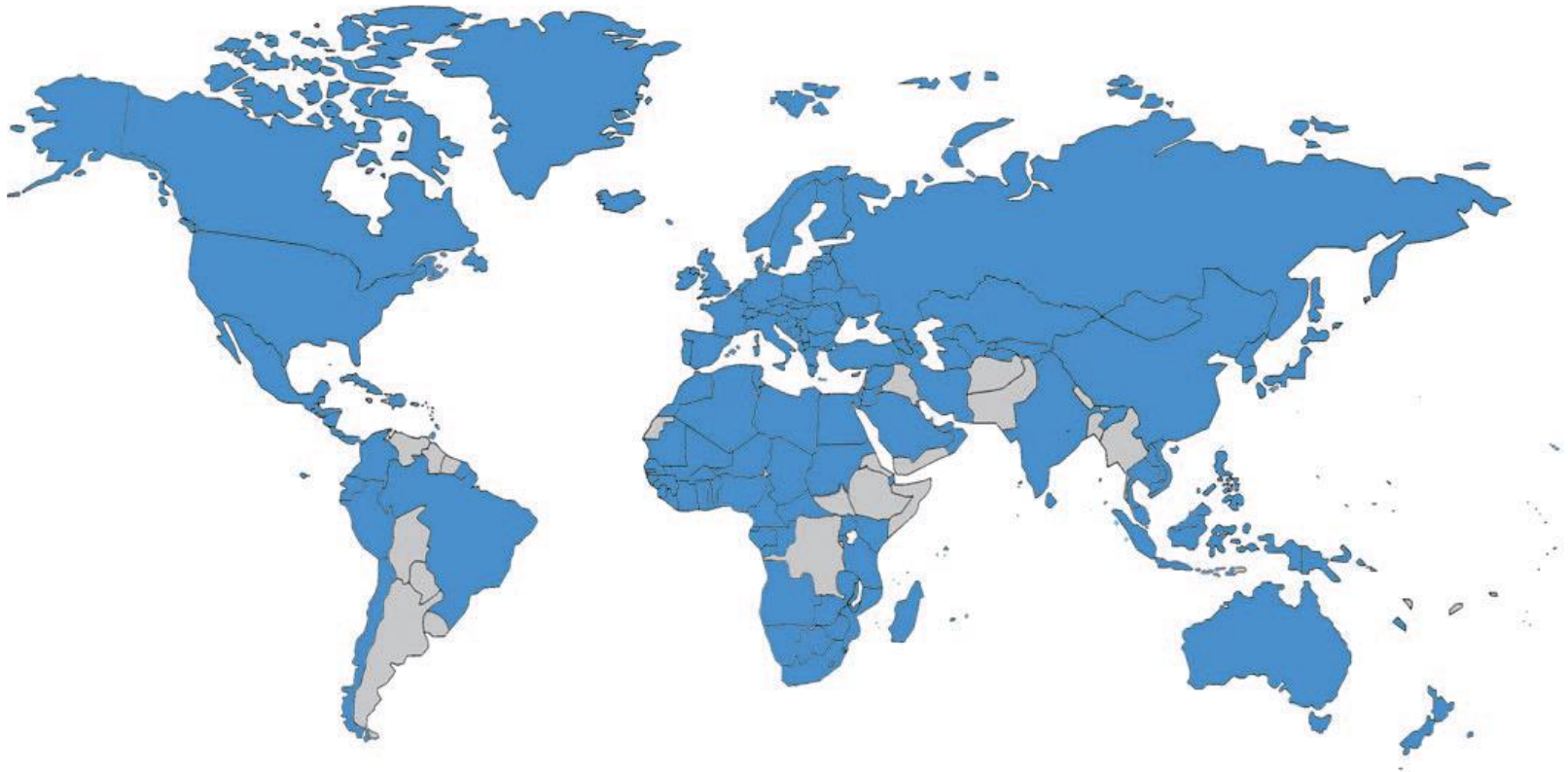
Patent systems

- **Patent systems before 1978 in industrialized countries**
 - Increasing number of applications for multiple countries
 - Technology and inventions increasingly complex
 - Offices conducting searches in parallel
 - Multiplicity of languages
 - Backlogs and delays
 - Offices lacking trust in each other's results
 - Inventions losing economic value
 - Some relief by Paris Convention
- **Users and Offices had an interest in simplifying and streamlining procedures**

The PCT in 1978 – 18 Member States

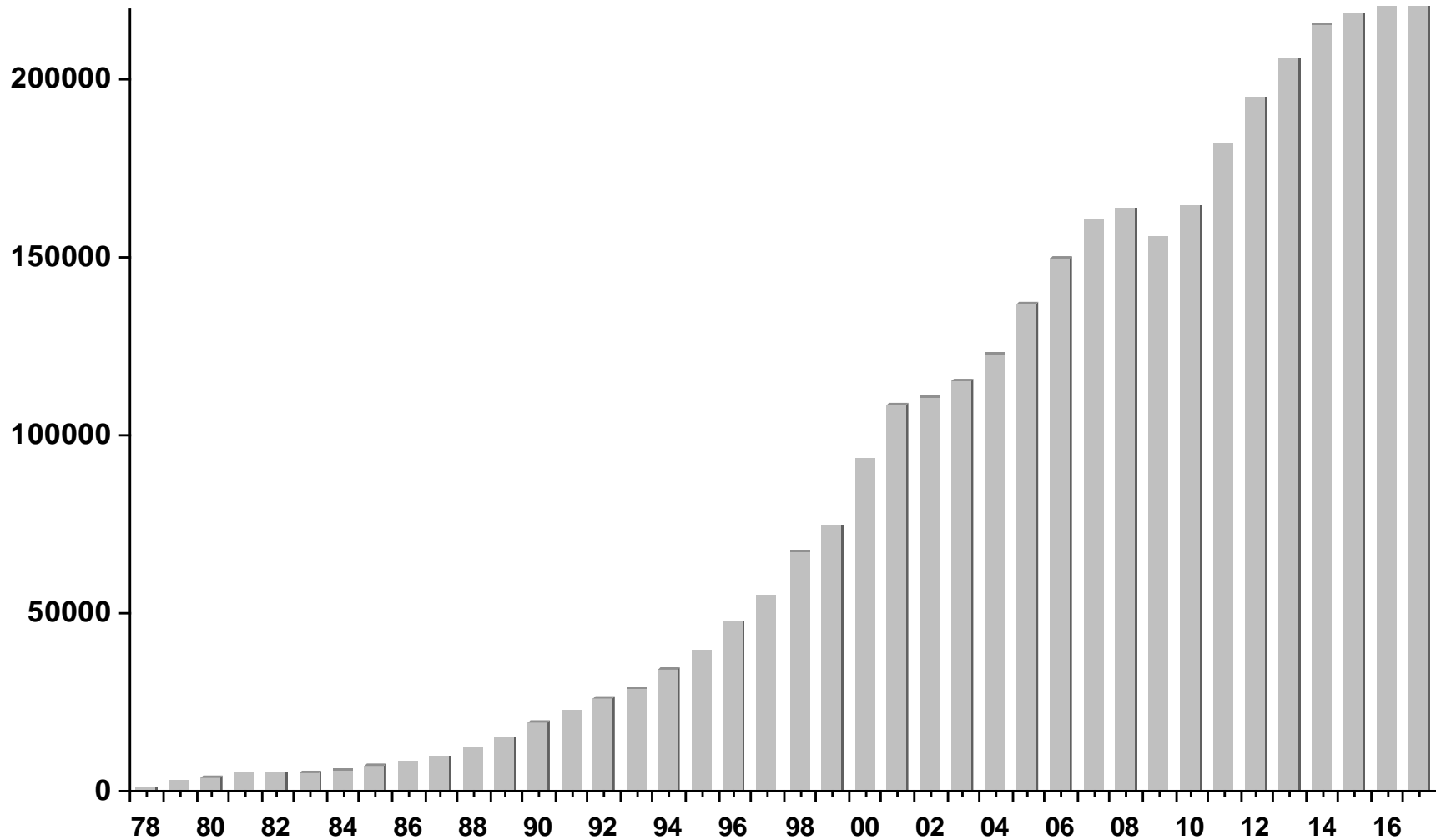


PCT Coverage Today



152 PCT Contracting States

PCT Applications



2017: 243,500 (+4.5%)

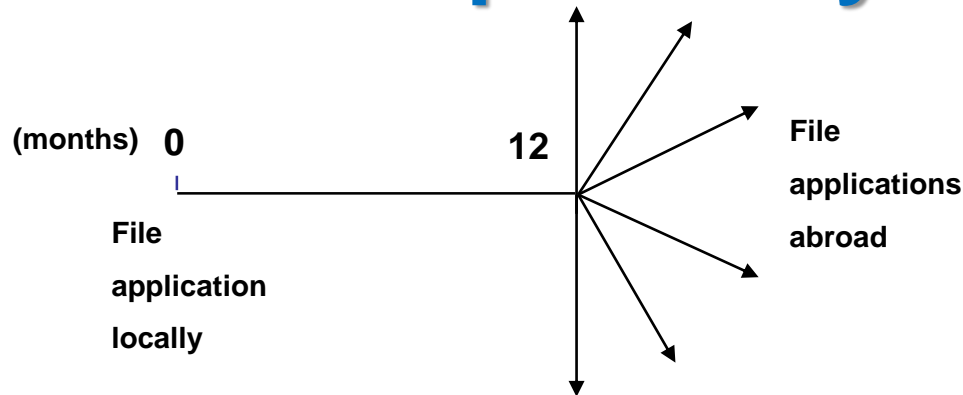


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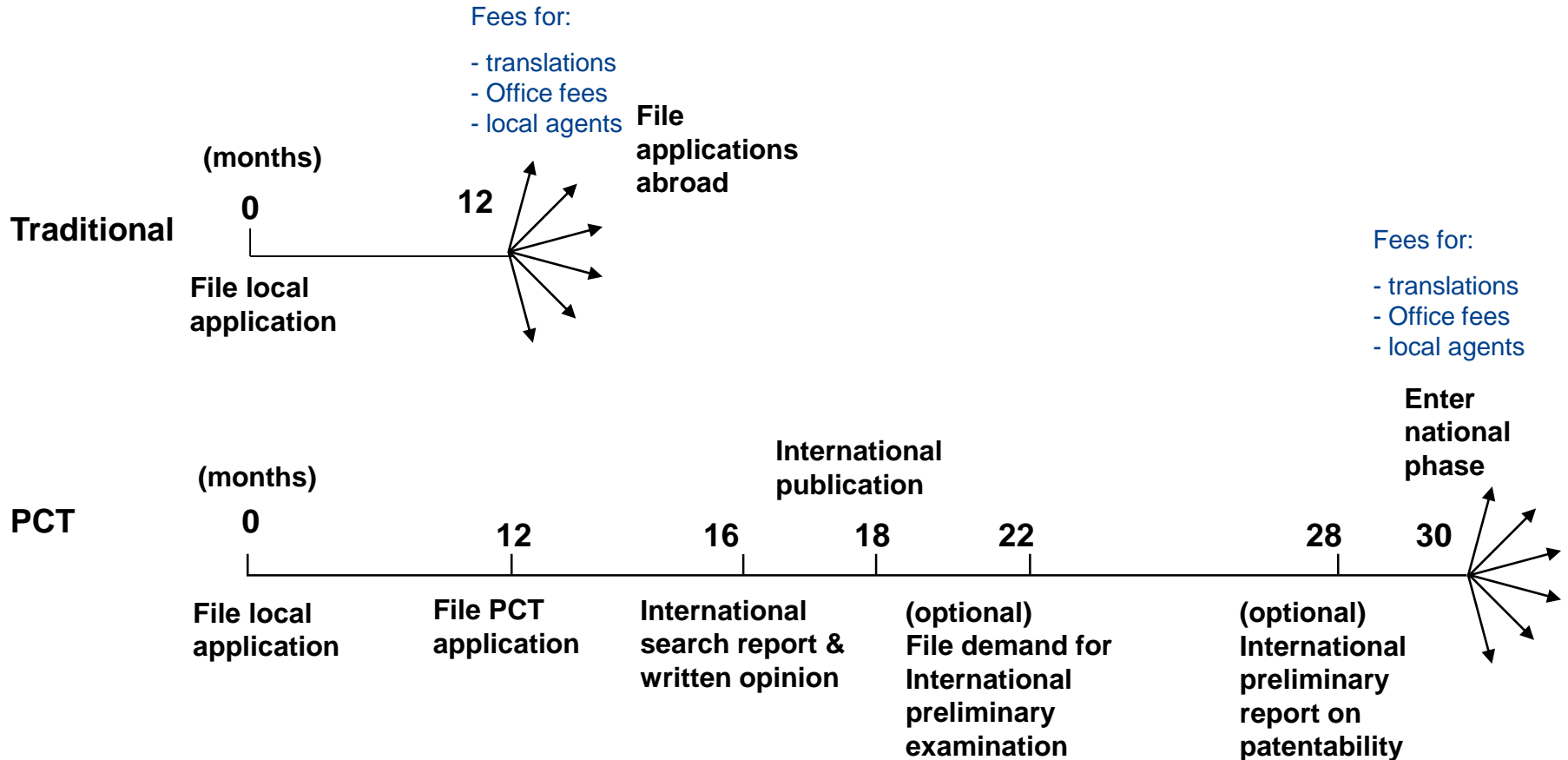
Why is the PCT so successful?

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
- Some rationalization because of regional arrangements:
ARIPO, EAPO, EPO, OAPI

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*:

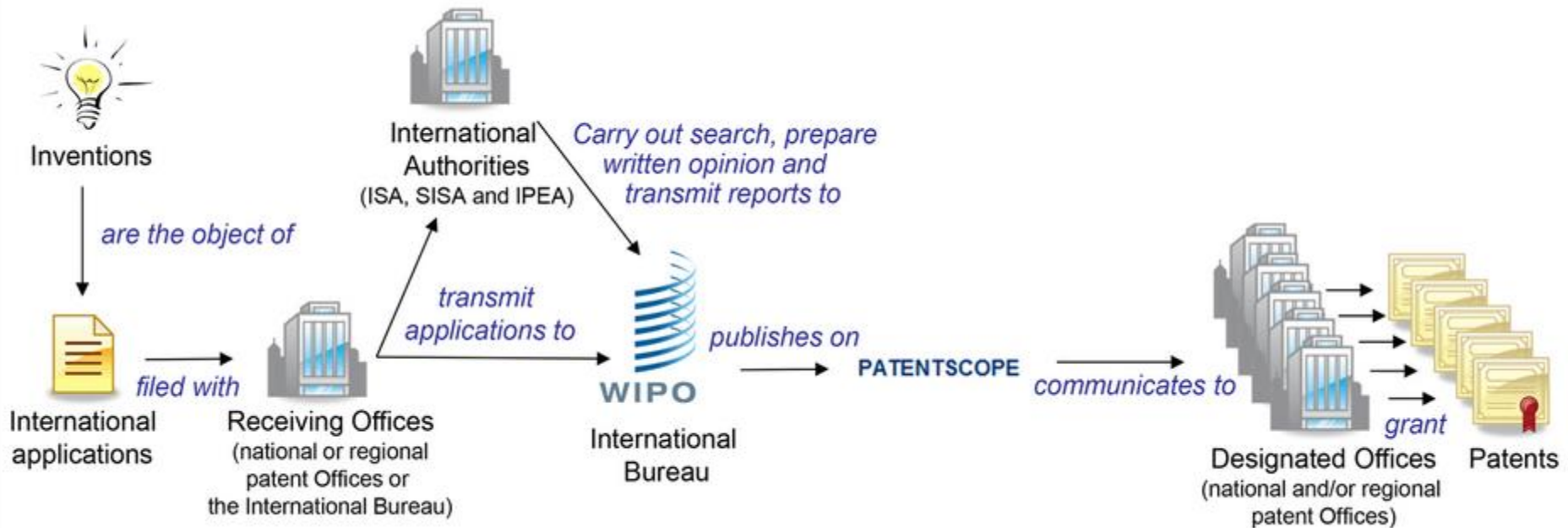
- one set of formality requirements
- international search
- international publication
- international preliminary examination
- international application can be put in order before national phase
- translations and national fees required at 30 months,* and only if applicant wishes to proceed

* For exceptions, see
http://www.wipo.int/pct/en/texts/reservations/res_incomp.html

Benefits from using the PCT: a unique procedure

- One application, in one language, filed with one Office, replaces multiple foreign filings until entry into the national phase
- International filing date has the effect of national filing date in all designated Offices
- Uniform formal requirements accepted by all designated Offices
- Decision on foreign filings can be postponed up to 30 months from the priority date at minimal cost
- Enables assessment of economic value of the invention and the chances of obtaining a patent before entering national phase

Overview of the PCT system





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International Search and Written Opinion of the ISA

International Searching Authorities (23 in total)

- AT – Austria
- AU – Australia
- BR – Brazil
- CA – Canada
- CL – Chile
- CN – China
- EG – Egypt
- ES – Spain
- FI – Finland
- IL – Israel
- IN – India
- JP – Japan
- KR – Republic of Korea
- PH – Philippines (*not yet operational*)
- RU – Russian Federation
- SE – Sweden
- SG – Singapore
- TR – Turkey
- UA – Ukraine
- US – United States of America
- EP – European Patent Office
- XN – Nordic Patent Institute
(Denmark, Iceland, Norway)
- XV – Visegrad Patent Institute (VPI)
(Czech Republic, Hungary, Poland, Slovakia)

Receiving Office decides on which ISAs is/are competent

The International Searching Authority

- Establishes international search report (ISR) (Rules 42 and 43) and/or declaration that no international search report will be established (Article 17(2))
- Establishes written opinion of the ISA (Rule 43*bis*): non-binding first opinion on novelty, inventive step (non-obviousness) and industrial applicability of claimed invention

Prior art for international search (Article 15(2) and Rule 33)

- Prior art:
 - everything which has been made available to the public,
 - anywhere in the world,
 - by means of written disclosure,
 - which is capable of being of assistance in determining that the claimed invention is or is not new and that it does or does not involve an inventive step,
 - provided the making available to the public occurred prior to the international filing date.

- PCT Minimum Documentation (Rule 34)

Written opinion of the ISA (Rule 43bis)

- 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

Example of an ISR

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 IBM Technical Disclosure Bulletin Vol. 17, No. 6, page	1-5

Symbols indicating the relevance of the cited prior art to the patentability of the international application (for example, novelty, inventive step, etc.)

Documents relevant to whether or not your invention may be patentable

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

Example of the Written Opinion

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		International application No.	
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
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:			
INDEPENDENT CLAIM 3			
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,			

**Patentability
assessment
of the claims**

**Reasoning
supporting the
assessment**



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Further developments

Objectives

- Offices giving more credence to each other's work products
- Best quality and work-sharing

Quality of International Search

- More competition ?
- Statistics on timeliness
- IP5 Collaborative Search and Examination (pilot)
- “Centralized Access to Search and Examination” (CASE)
- Quality reports to Meeting of International Authorities (MIA)

Work-sharing national–international procedures

Examples:

- Use of results of earlier search for international search
- “PCT Direct” at EPO
- Patent Prosecution Highway (PPH) for national phase

IT environment

■ Further efforts to streamline

■ Cooperation in developing IT tools and standards

■ Automation of workflows

■ “Quality at source”

■ “End-to-End” processing of data (electronic filing, common formats)

■ Real time access to data by users and Offices

■ Validation systems and “self-service” offers (example: recording of changes)

■ Machine translation

■ Fee incentives

■ Re-distribution of certain functions among Patent Offices and International Bureau?

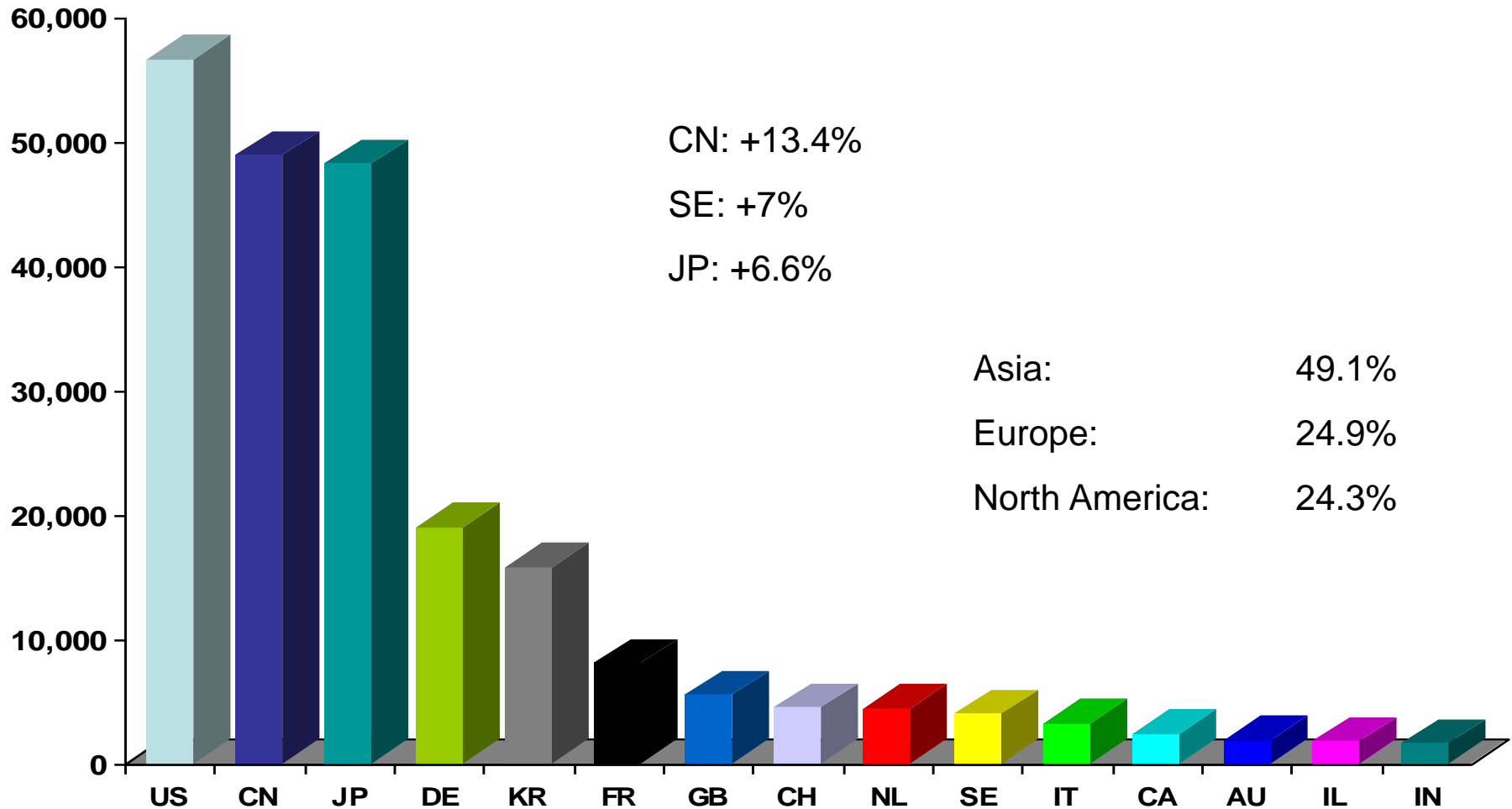


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Statistics

International applications received in 2017 by country of origin



- 23.3% originating in US, 20% in China, 19.8% in Japan
- 63% from the top 3 countries, 77% from top 5 countries, 93% of filings from top 15 countries

Top PCT Applicants 2017

*() of published
PCT applications*

1. Huawei Technologies—CN (4,024)
2. ZTE—CN (2,965)
3. Intel—US (2,637)
4. Mitsubishi Electric—JP (2,521)
5. Qualcomm—US (2,163)
6. LG Electronics—KR (1,945)
7. BOE Technology Group—CN (1,818)
8. Samsung—KR (1,757)
9. Sony—JP (1,735)
10. Ericsson—SE (1,564)
11. Microsoft—US (1,563)
12. Hewlett-Packard—US (1,519)
13. LE Holdings —CN (1,397)
14. Bosch—DE (1,354)
15. Panasonic—JP (1,280)
16. Philips—NL (1,077)
17. Siemens—DE (1,063)
18. Shenzhen China Star Optoelectronics—CN (972)
19. Fujifilm—JP (970)
20. Denso—JP (968)



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Information and Training

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)
- 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



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Where to Get Help

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

- Contact the speaker:

eva.schumm@wipo.int

+41-22-338-9393

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

The Madrid System

Introduction and Future Developments



Päivi Lähdesmäki, Senior Advisor

The Hague Registry, Brands and Designs Sector

World Intellectual Property Organization

Brussels, September 18, 2018

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

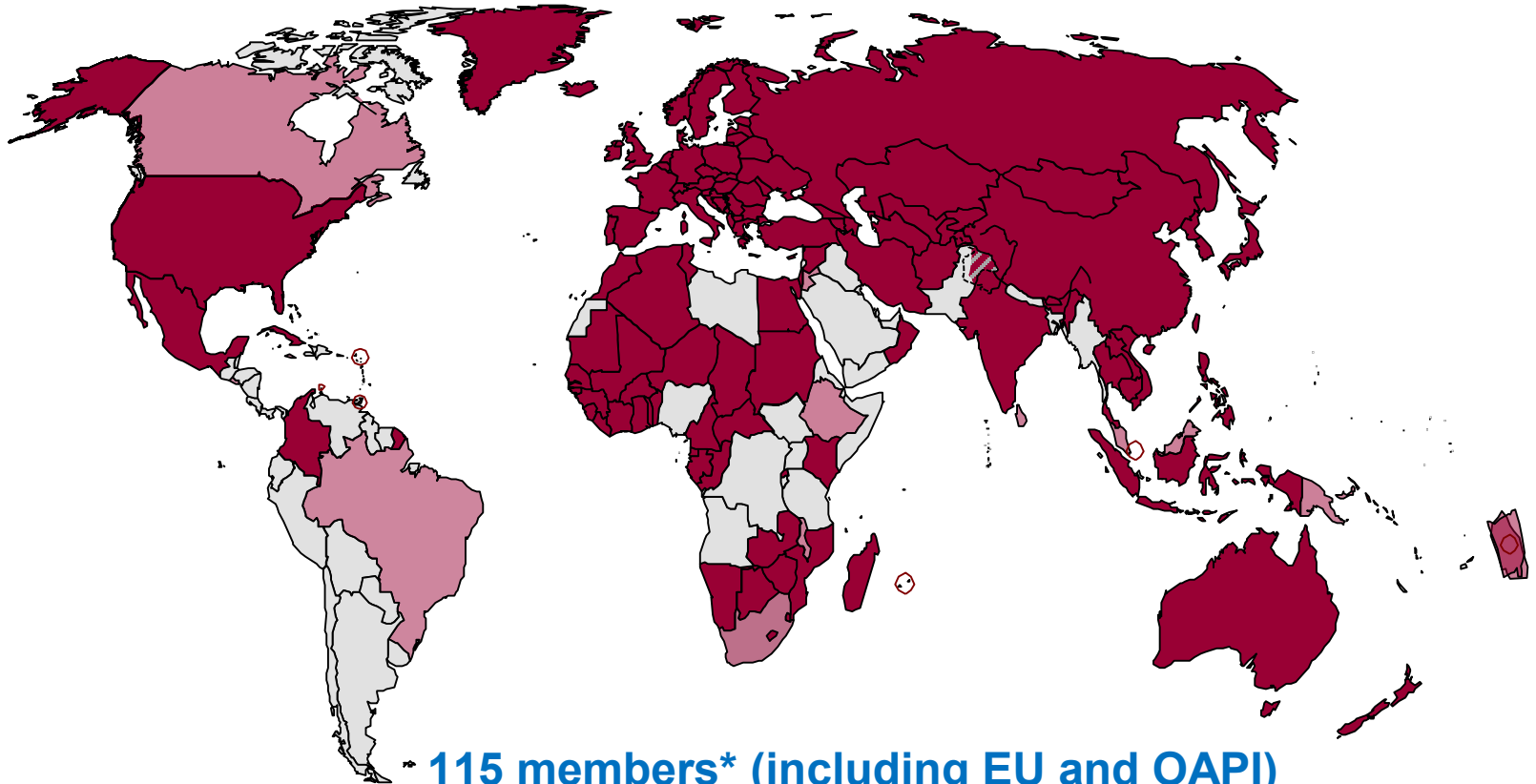
The Madrid System is Cost-Effective

- 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: 117 countries covered by the 101 members
- Markets that represent more than 80% of world trade
- Recent accessions include:
 - 2014: OAPI and Zimbabwe
 - 2015: Algeria, Cambodia, The Gambia and Lao People's Democratic Republic
 - 2016: Brunei Darussalam
 - 2017: Thailand, Indonesia
 - 2018: Islamic Republic of Afghanistan

Accession Outlook 2018/ 2019



**115 members* (including EU and OAPI)
covering 131 countries**

How the Madrid System Works

The International Trademark Registration Process



Stage 1

Application through your Office of origin

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

Stage 2

Formal examination by WIPO

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

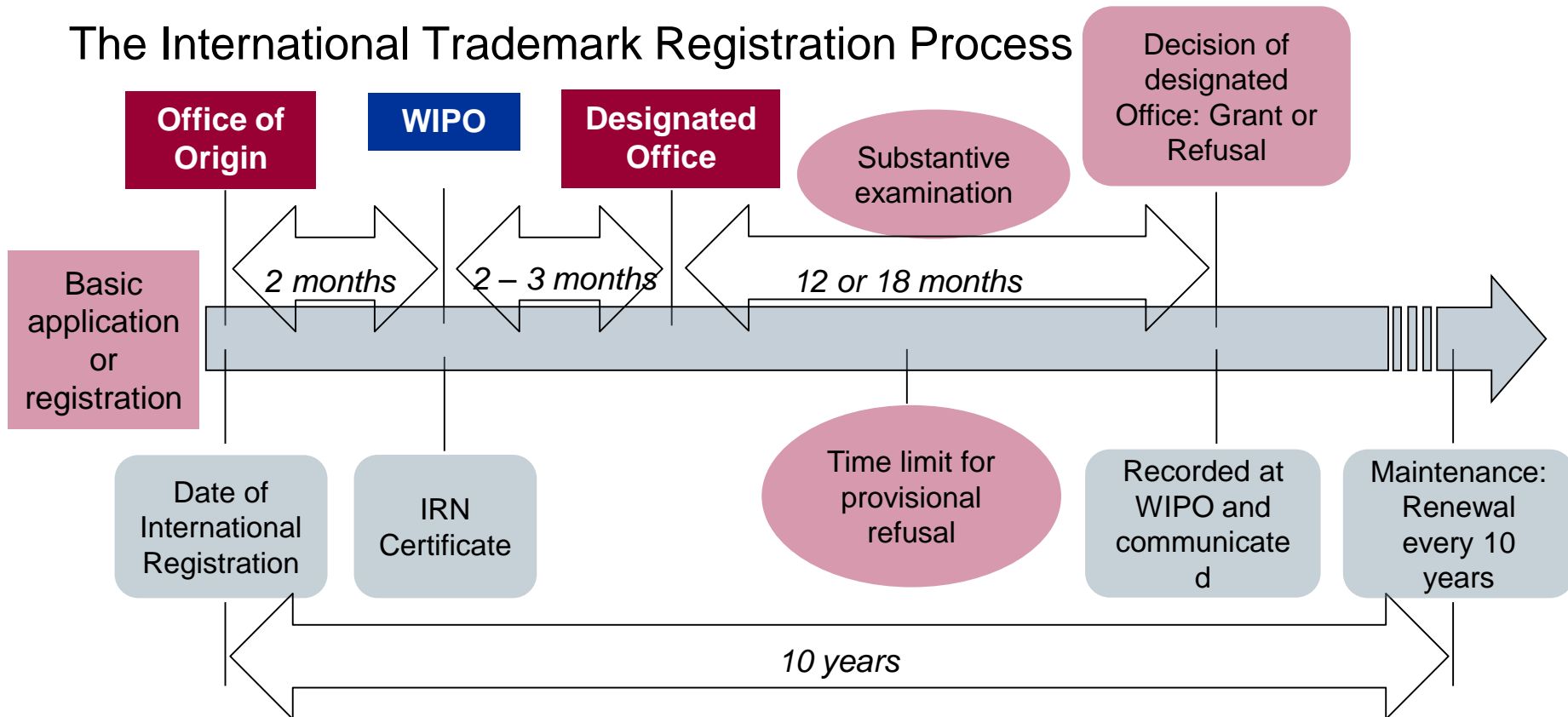
Stage 3

Substantive examination by IP Offices (Office of the dCP)

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

Timeline

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 Contracting Parties (dCP)
 - Standard fees – complementary (100 Swiss francs per dCP) and supplementary (100 Swiss francs per class beyond 3)
 - OR
 - Individual fees where this is declared

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

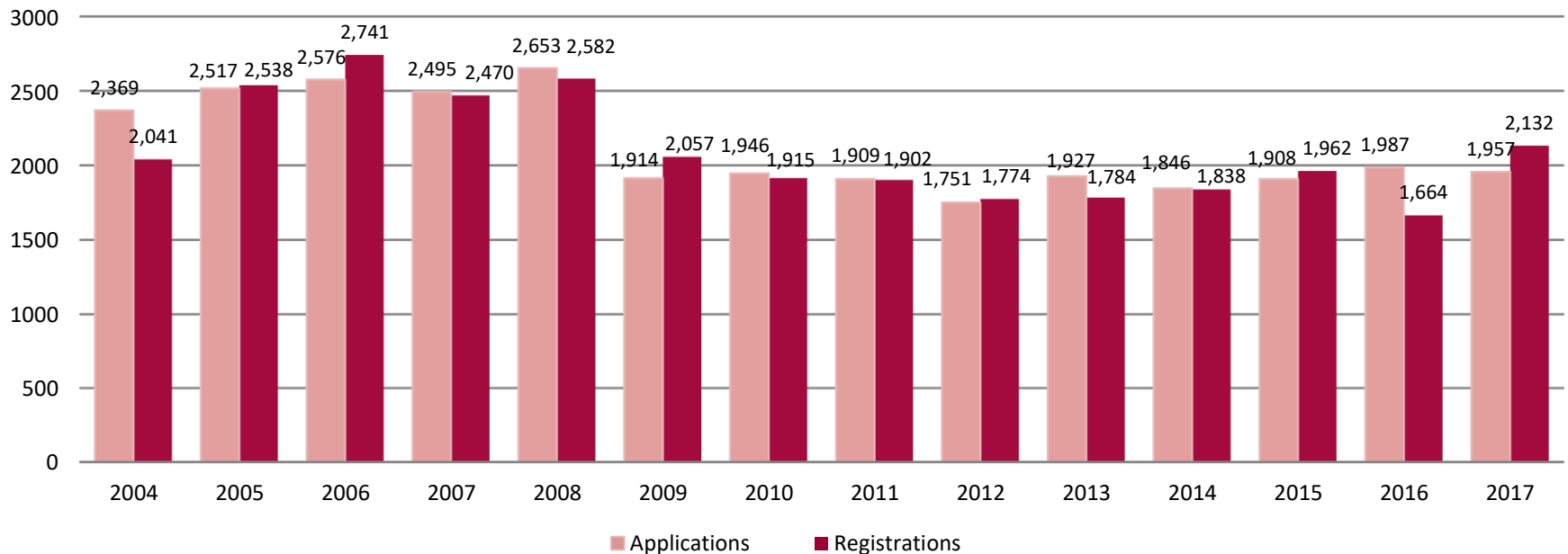
General Profile

International Registrations

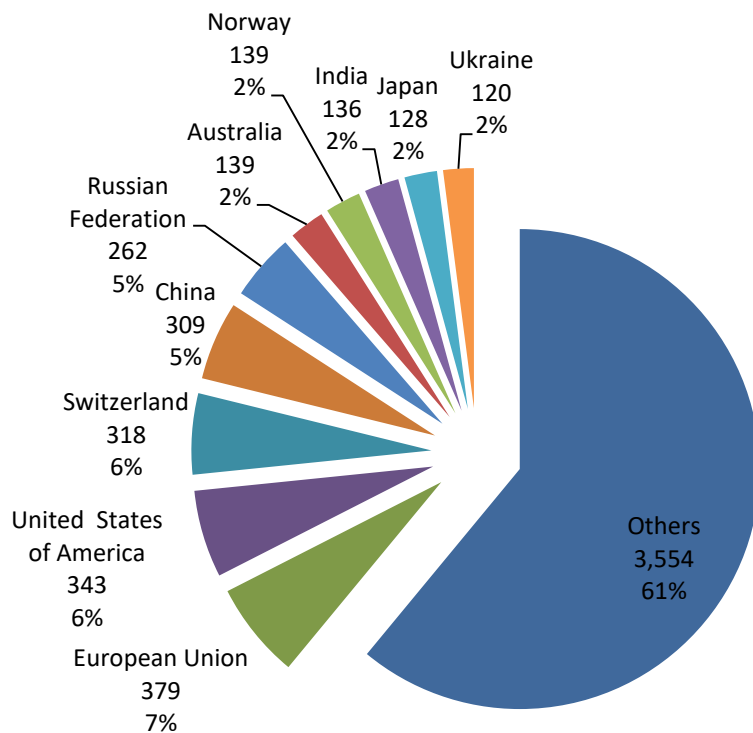
Average Number of Designations	6.7
Average Number of Classes	2.47
Average Fee	CHF 2,968
All Fees	70% < CHF 3,000

International Applications and Registrations: Benelux

International Applications and Registrations by Office of Origin: Benelux

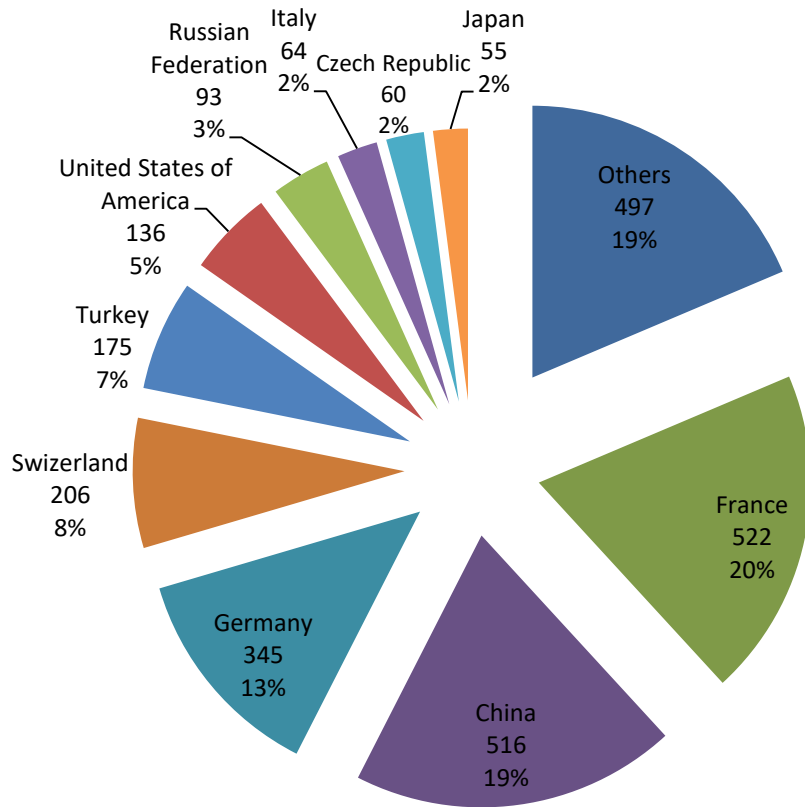


Top Designated Contracting Parties: Belgium Holders



Designations in international registrations & subsequent designations by DCPs, Country of Holder: Belgium (2017)

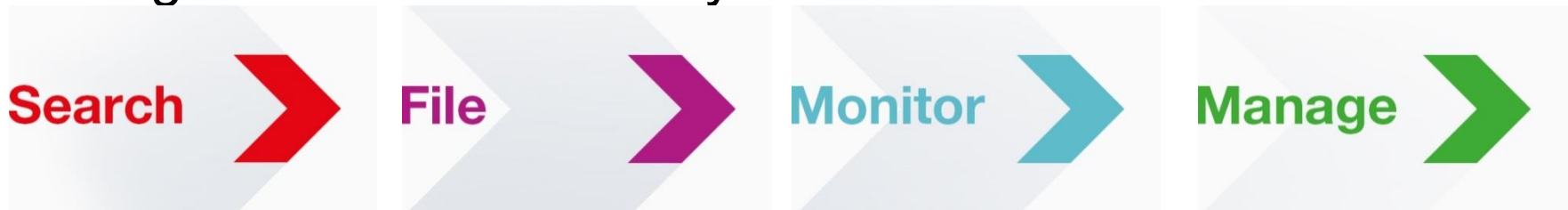
Designations of Benelux by Country of Holder



Designations of Benelux in international registrations & subsequent designations by Country of Holder (2017)

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

E-filing - Benelux



Recent Developments

- Accession of Islamic Republic of Afghanistan
- Rule Changes in the Common Regulations
- Classification Guidelines
- WIPO Current Account
- [Madrid Monitor](#) – integrates [ROMARIN](#) (the [WIPO Gazette](#), [Madrid E-Alert](#) and [Real-time Status](#))
- [Member Profiles Database](#)
- [Contact Madrid](#) service (online form) – *Nov. 1, 2017*
- Madrid System webinars

Classification Guidelines

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



WIPO Current Account

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

Contact Madrid



Single point of
contact



Standardized input
data

Mandatory fields
Input fields allow better
understanding of needs



Quick & automated
distribution to
relevant team
Speedy processing
of requests

Keep Updated on the Madrid System

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



**Thank you
for your attention**



Overview of The Hague System



Päivi Lähdesmäki, Senior Advisor

The Hague Registry, Brands and Designs Sector

World Intellectual Property Organization

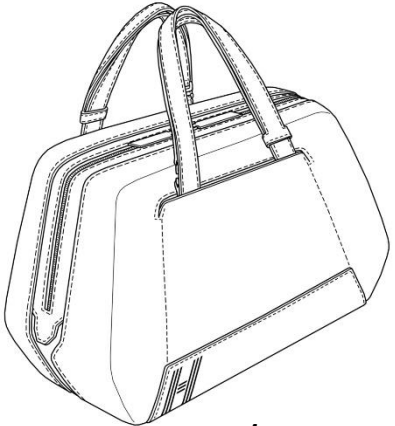
Brussels, September 18, 2018

Industrial Designs



DM/099943

SOCIÉTÉ NOUVELLE ROSSIGNOL



DM/101755
HERMES SELLIER

1.1



DM/101165

SAMSUNG ELECTRONICS CO.,LTD.

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION



DM/100835

HERIS SERAMIK VE TURIZM SANAYI A.S.



DM/101844

LENTO OBJEKT
GMBH

General Overview of the Hague System



Basic features and advantages



Legal framework



Going global – geographical scope



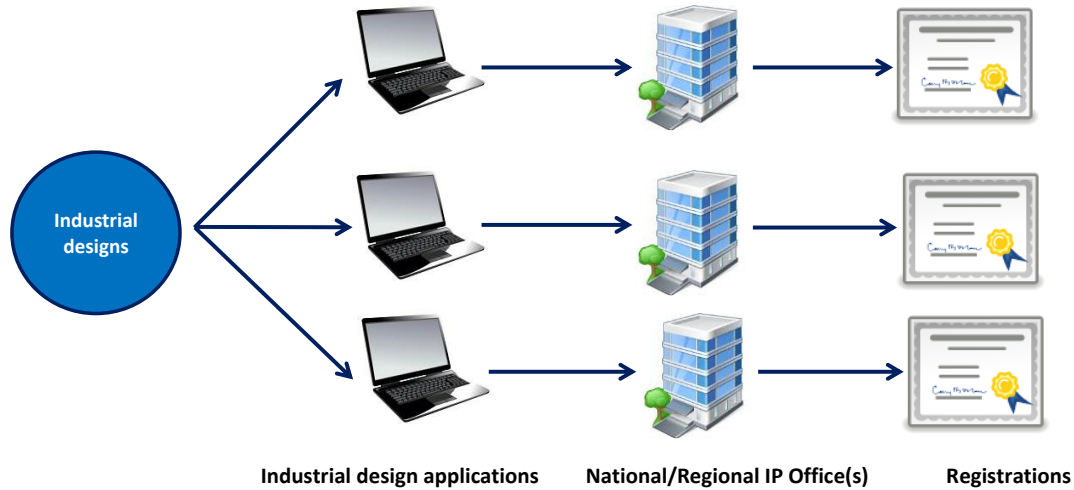
Some statistics



Latest developments and
upcoming features

Independent filings vs. Hague Route

Direct/Paris Route



The Hague System





Basic Features and Advantages of the Hague System

Main Features of the Hague System

1

- Application
- Language (EN, ES, FR)
- Set of fees & currency (CHF)
- International Registration
- Renewal

Main Features of the Hague System



Designs in one application

Main Features of the Hague System



Contracting Parties¹

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

Main Features of the Hague System



Simplicity



Cost-Effectiveness

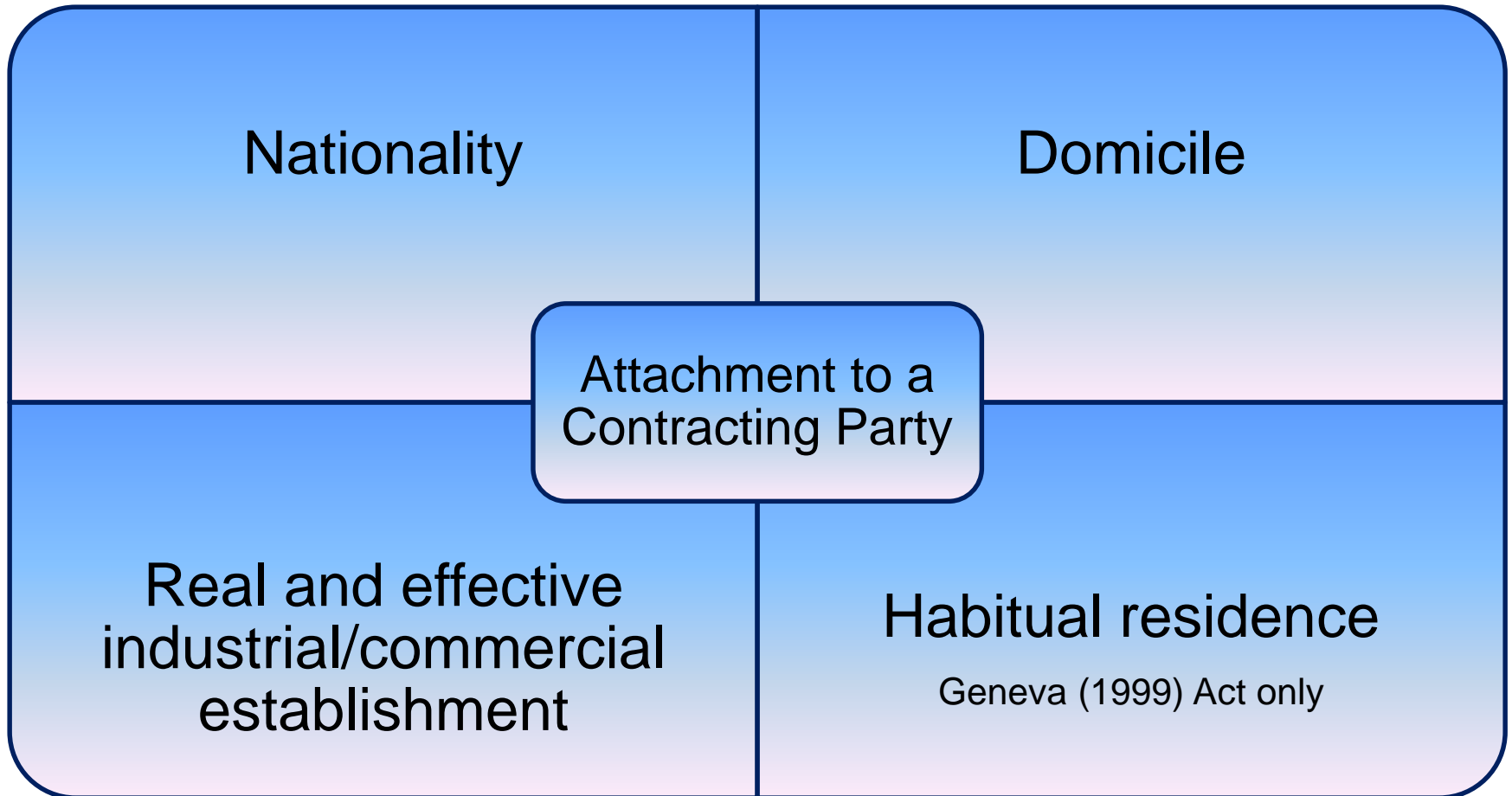


Efficiency



Flexibility

Who Can Use the System?



What is the Hague System?

One to many relationships

- File a single international application for a single international registration in which one or more Contracting Parties are designated

“Bundle of rights”

- If no refusal, the resulting international registration has the effect of a grant of protection in each designated Contracting Party

The Hague System is a Procedural Arrangement

Issues such as:



the conditions for protection



the refusal procedure to be applied when deciding whether a design may be protected



the rights which result from protection

are governed by the law of each Contracting Party designated in an international registration

The International Application

In English, French or Spanish

May be filed directly with the International Bureau through the E-filing interface but also on paper

May comprise several different designs up to a maximum of 100 if they belong to the same class of the International Classification (Locarno)

One set of fees (in CHF) is to be paid

The Hague System Procedure: Role of the International Bureau

Formal examination

Recording in the International Register

Sending the certificate to the holder

Publication in the International Designs Bulletin

Notification to members through the publication in the Bulletin

If the International Bureau finds that the international application does not fulfill the applicable requirements, it invites the applicant to make the required corrections within three months from the date of invitation sent by the International Bureau.

International registration has the same effect as a regularly-filed application in all designated Contracting Parties.

The Hague System Procedure (II)

Refusal by a designated Contracting Party

on same substantive grounds as for national/regional filings

must be communicated within time limit

effect limited to territory of the member that has refused

International registration (where not refused)

no refusal = same rights as a local design registration

a bundle of independent national/regional rights

advantages of central management

The Hague System Procedure (III)

Duration of protection:
five years

Renewable at least once (1960 Act) or twice (1999 Act)

Longer renewal period, if allowed by the law of the designated Contracting Party

General Advantages of the Hague System

Hague System (international route)

one Office for filing
one language
one currency
one international registration
one renewal
one modification
foreign attorney or agent
(first needed if refused)

National/regional route

many Offices for filing
many languages
many currencies
many registrations
many renewals
many modifications
foreign attorney or agent
(first needed at filing)



Legal Framework



- **Common Regulations (1996), last revised: January 1, 2017 (in force)**
- **Administrative Instructions (2002), last revised: July 1, 2014**
- **National Laws and Regulations**



Going Global – Geographical Scope of the Hague System

Geneva Act (1999)

Recent Accessions



Canada¹
(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)

Potential Accessions



China



Morocco



ASEAN countries



Israel



Mexico



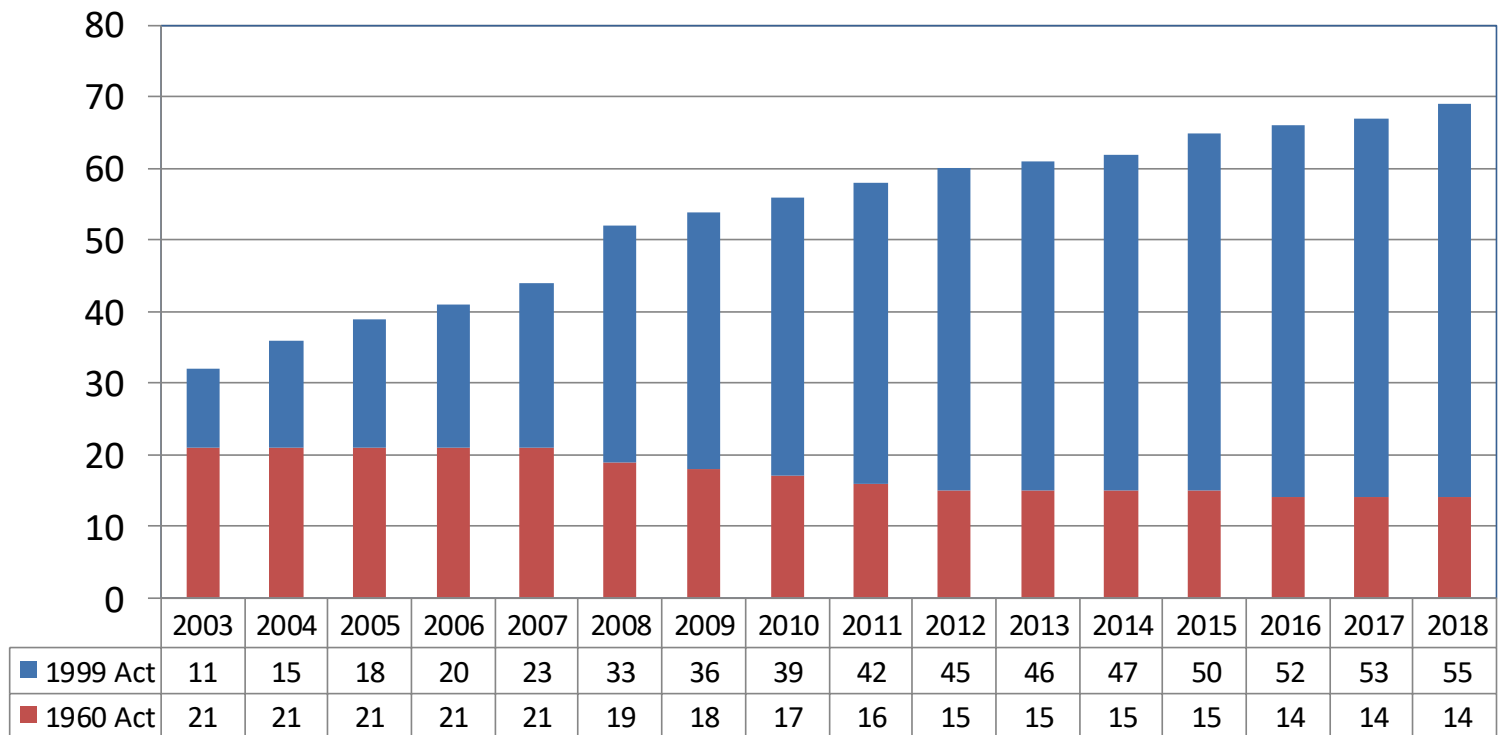
Madagascar



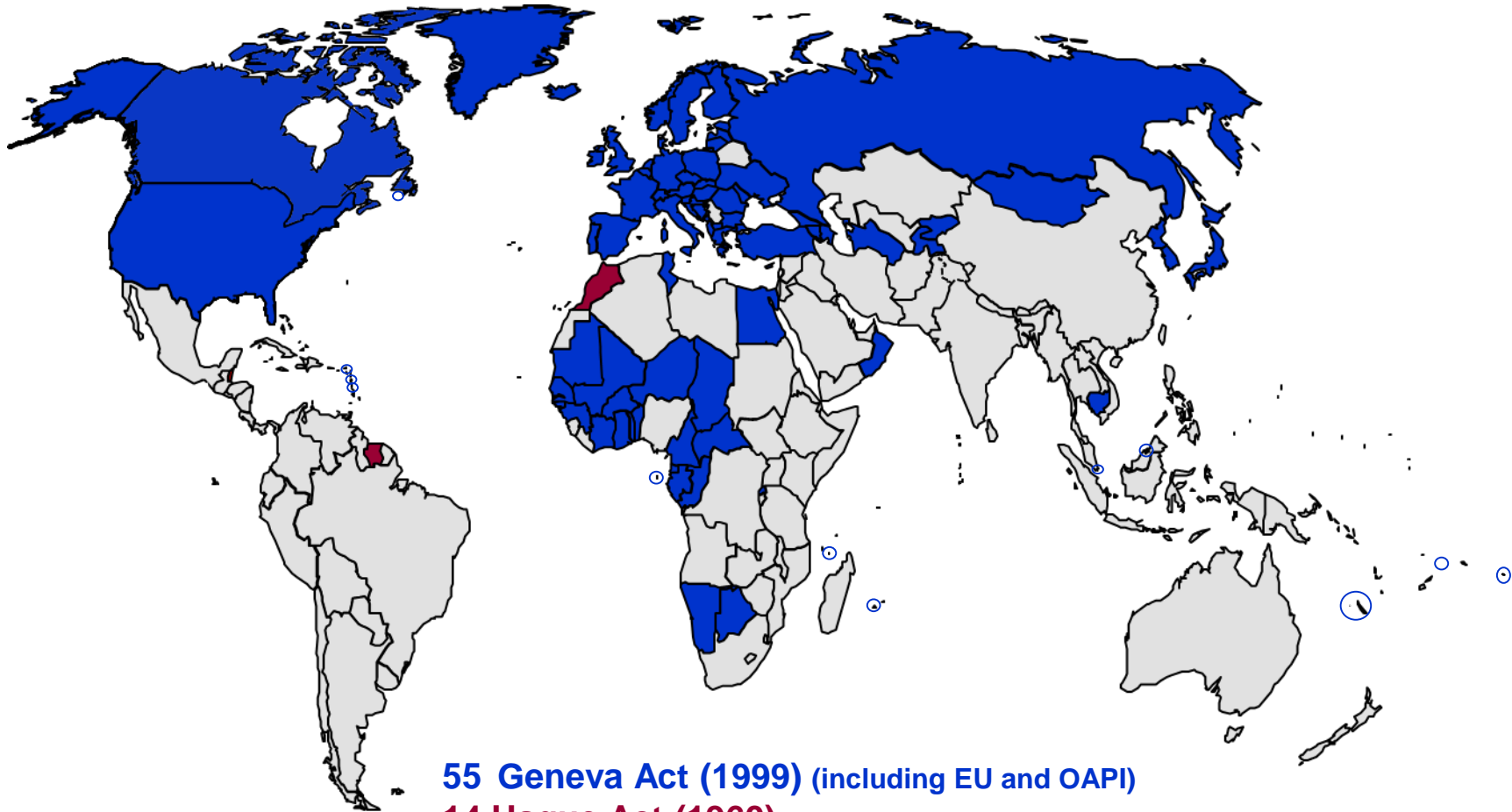
Belize

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

Hague Membership Status as of September 1, 2018 (by most recent Act)



Hague Union



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

14 Hague Act (1960)

69 Contracting Parties¹

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

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

Hague Union Members According to the Most Recent Applicable Act

Geneva Act (1999)

•African Intellectual Property Organization, Albania, Armenia, Azerbaijan, Bosnia and Herzegovina, Botswana, Brunei Darussalam, Bulgaria, Cambodia, Canada¹, Croatia, D.P.R. of Korea, Denmark, Egypt, Estonia, European Union, Finland, France, Georgia, Germany, Ghana, Hungary, Iceland, Japan, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Monaco, Mongolia, Montenegro, Namibia, Norway, Oman, Poland, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Rwanda, Sao Tome and Principe, Serbia, Singapore, Slovenia, Spain, Syrian Arab Republic, Switzerland, Tajikistan, the former Y.R. of Macedonia, Tunisia, Turkey, Turkmenistan, Ukraine, United Kingdom and the United States of America (54)

Hague Act (1960)

•Belgium, Belize, Benin, Côte d'Ivoire, Gabon, Greece, Italy, Luxembourg, Mali, Morocco, Netherlands, Niger, Senegal and Suriname (14)

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



Some Statistics

International Registrations – 2017

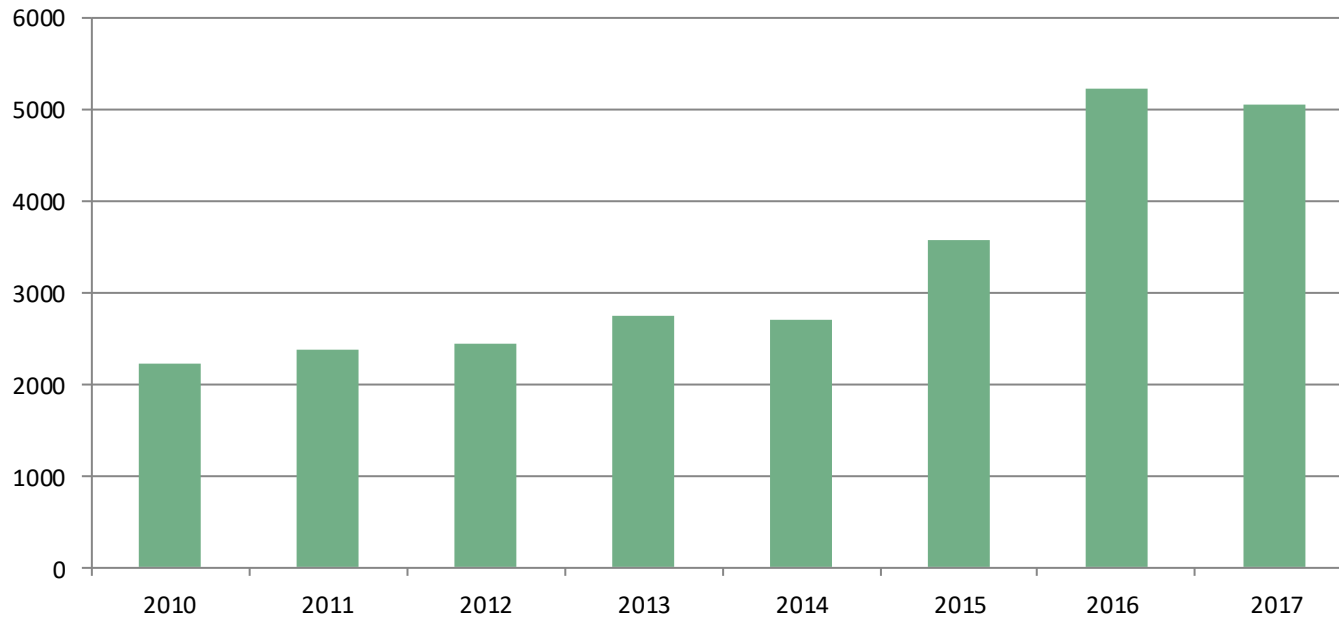
INTERNATIONAL REGISTRATIONS INSCRIBED

5,041

**DESIGNS CONTAINED IN INTERNATIONAL
REGISTRATIONS INSCRIBED**

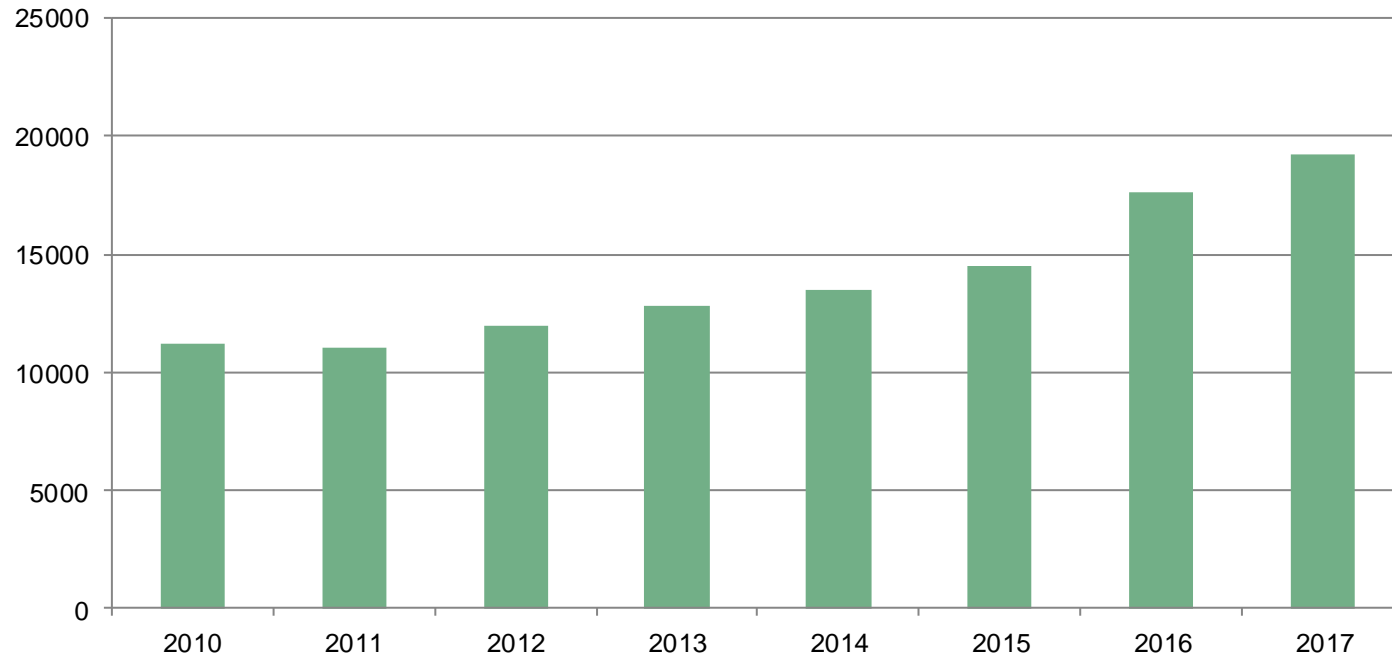
19,241

International Registrations Recorded 2010-2017



International Registrations Recorded	2216	2363	2440	2734	2703	3581	5233	5041
Growth	11.7%	6.6%	3.3%	12.0%	-1.1%	32.5%	46.1%	-3.7%

Designs in International Registrations 2010-2017



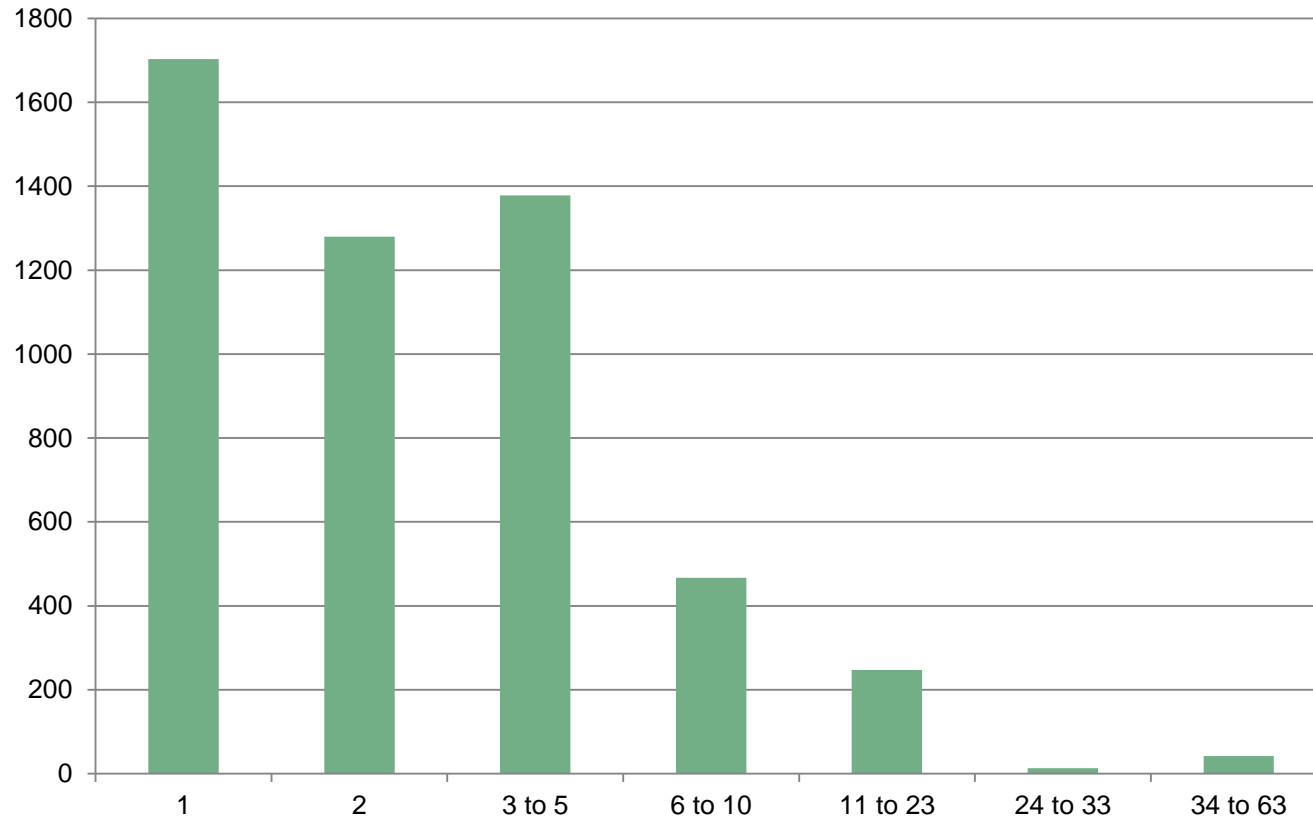
Designs in Int.
Registrations

11238 11077 11971 12806 13504 14484 17601 19241

Growth

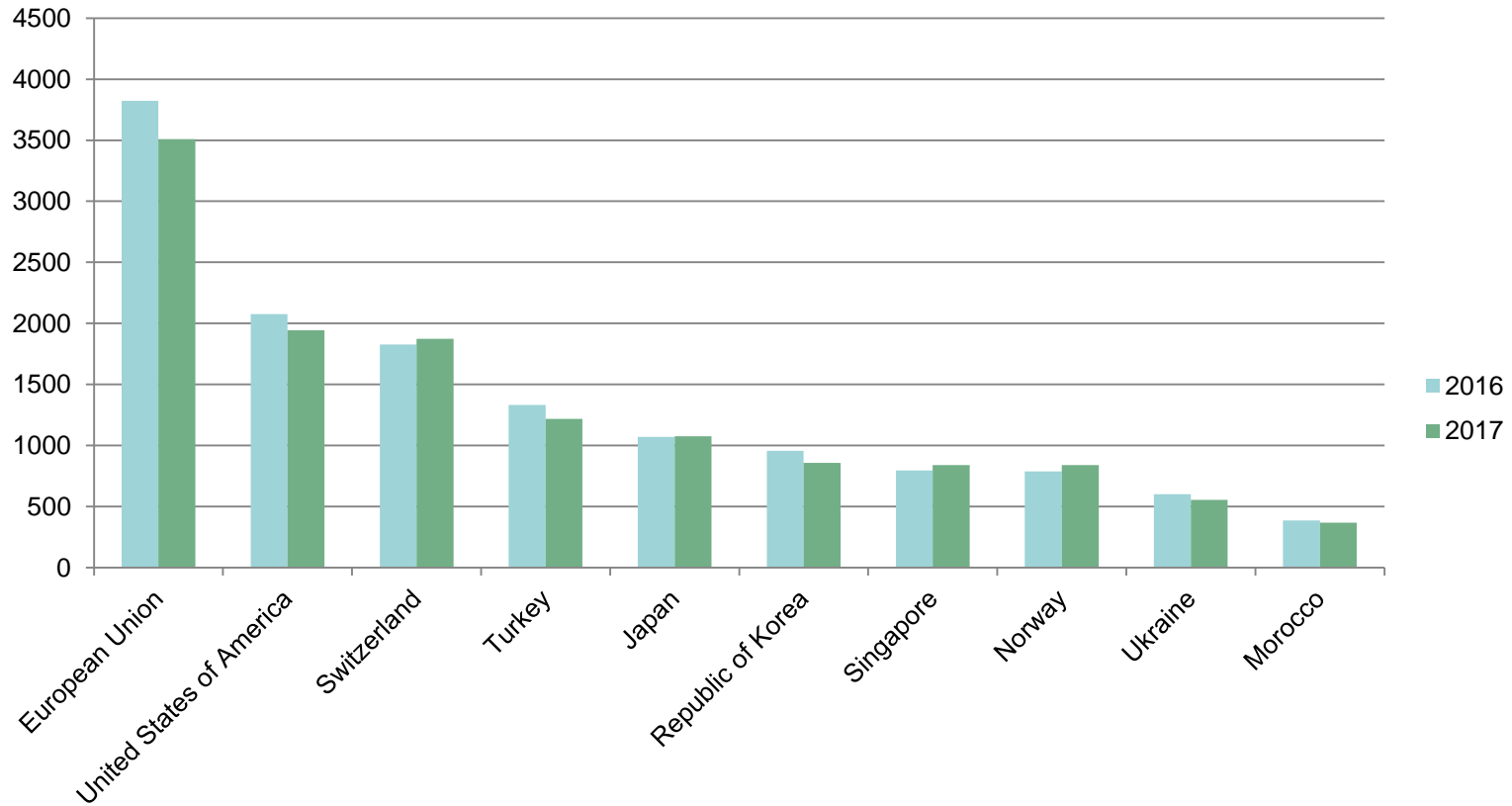
11.7% -1.4% 8.1% 7.0% 5.5% 7.3% 21.5% 9.32%

Designations in International Registrations (2017)



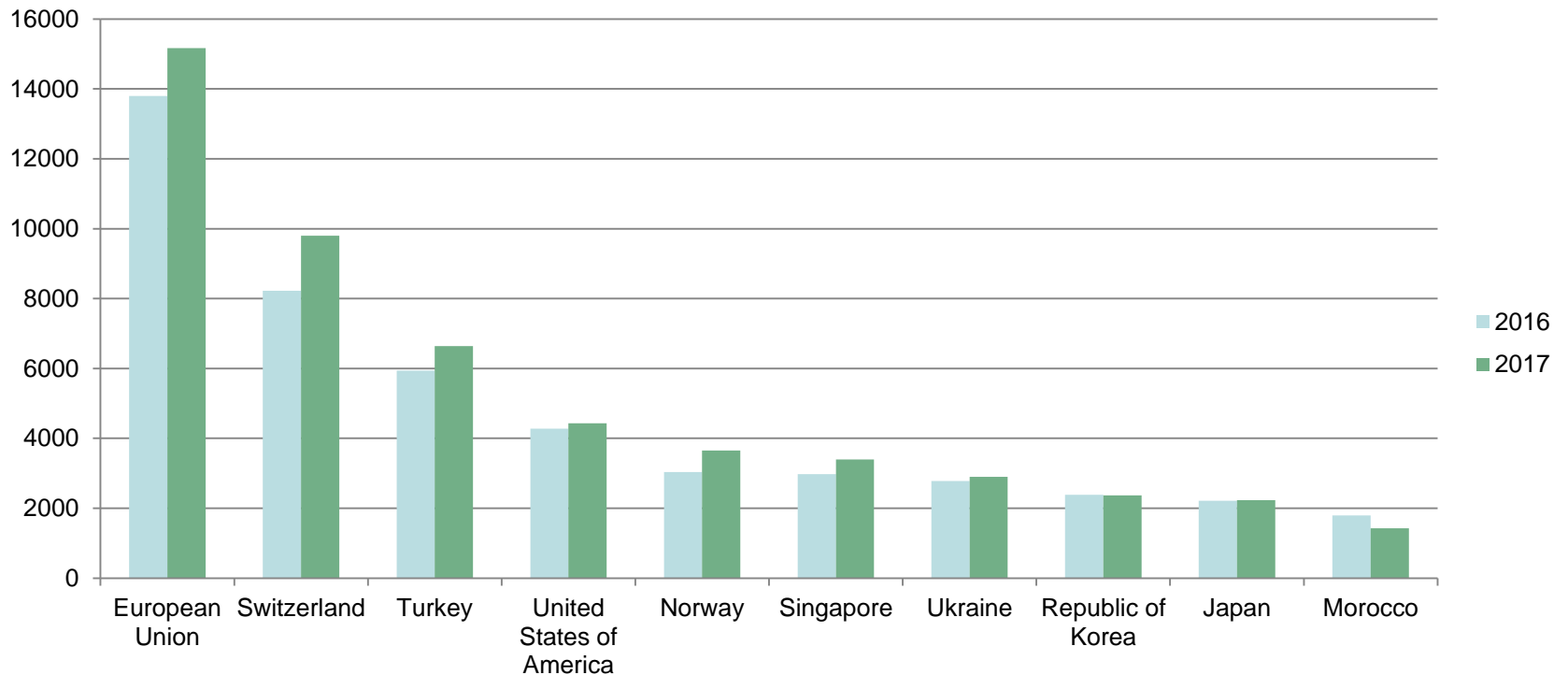
IR	1703	1280	1378	467	247	13	42
%	32.3%	25.0%	26.9%	9.1%	4.8%	0.3%	0.8%

Most Designated Contracting Parties in 2017 (international registrations)

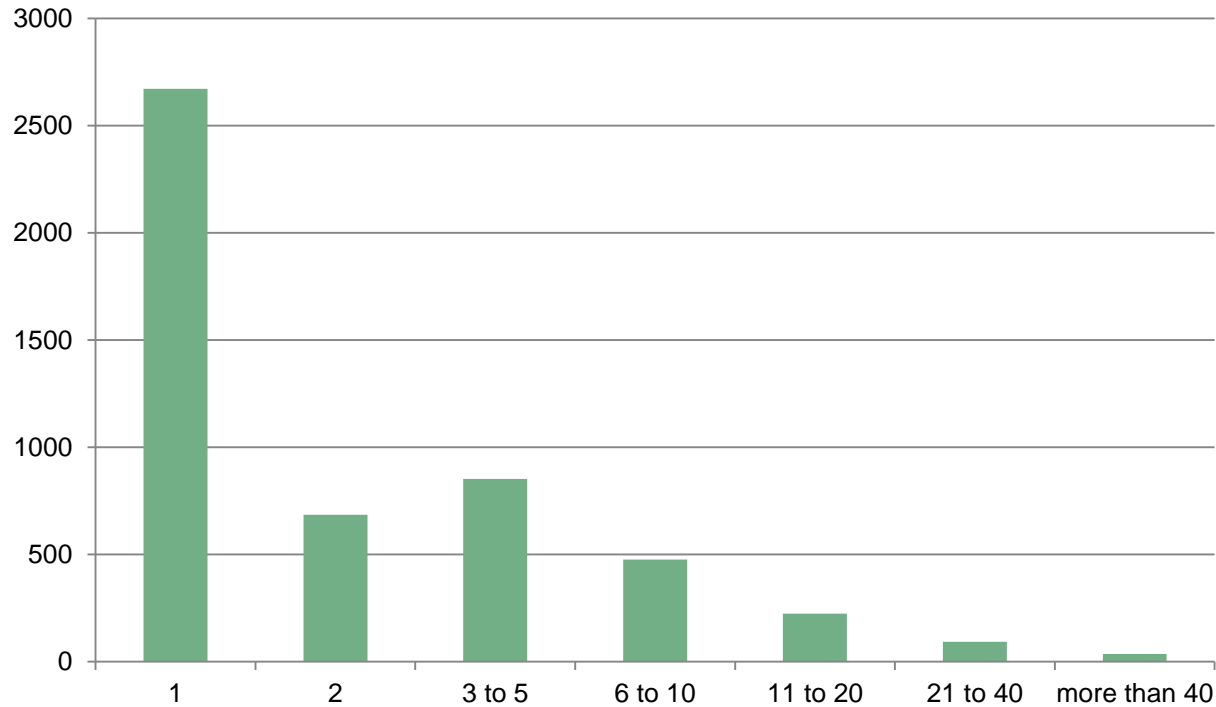


* Since the effective accession (May 13, 2015)

Most designated Contracting Parties in 2017 (number of designs recorded)

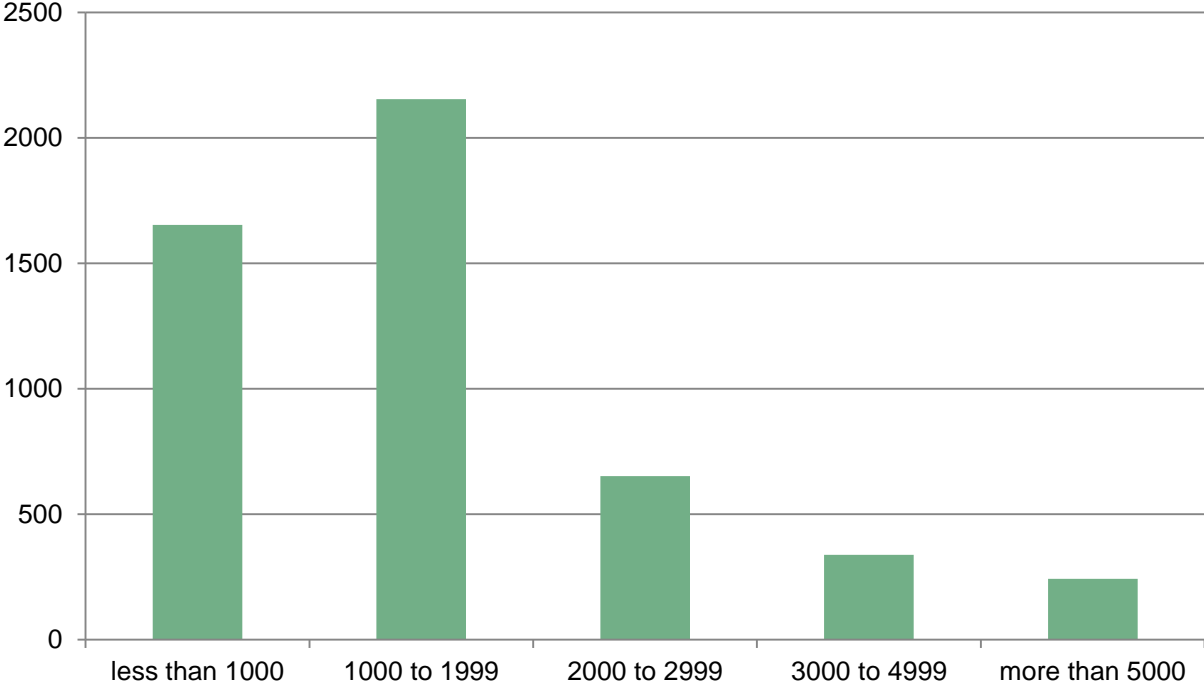


Designs per International Registration (2017)



International Registrations	2671	686	853	476	225	93	37
%	53%	14%	17%	9%	4%	2%	1%

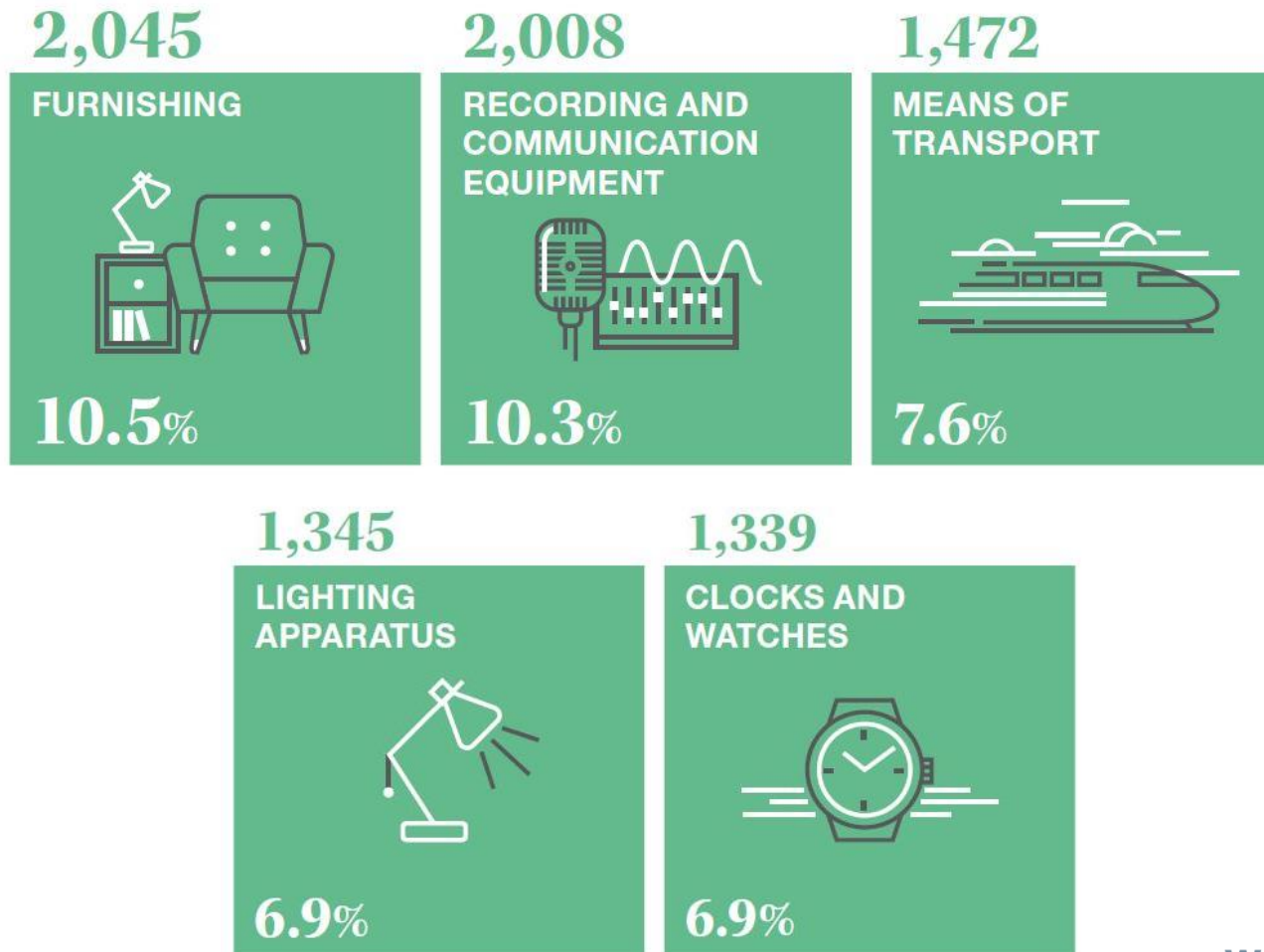
Amount of Fees Paid per International Registration (2017)



IR	1653	2154	652	339	243
%	33.8%	42.7%	12.9%	6.7%	4.8%

2017 - Five Most Popular Classes

Number of designs in applications and share of total



International Registrations in Force in the International Register (on December 31, 2017)

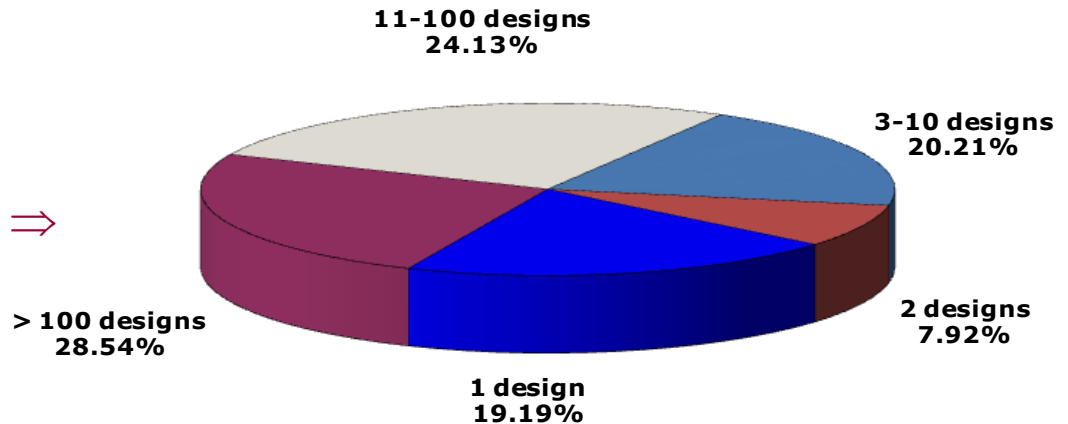
Industrial Designs

Right-holders
(9,805)

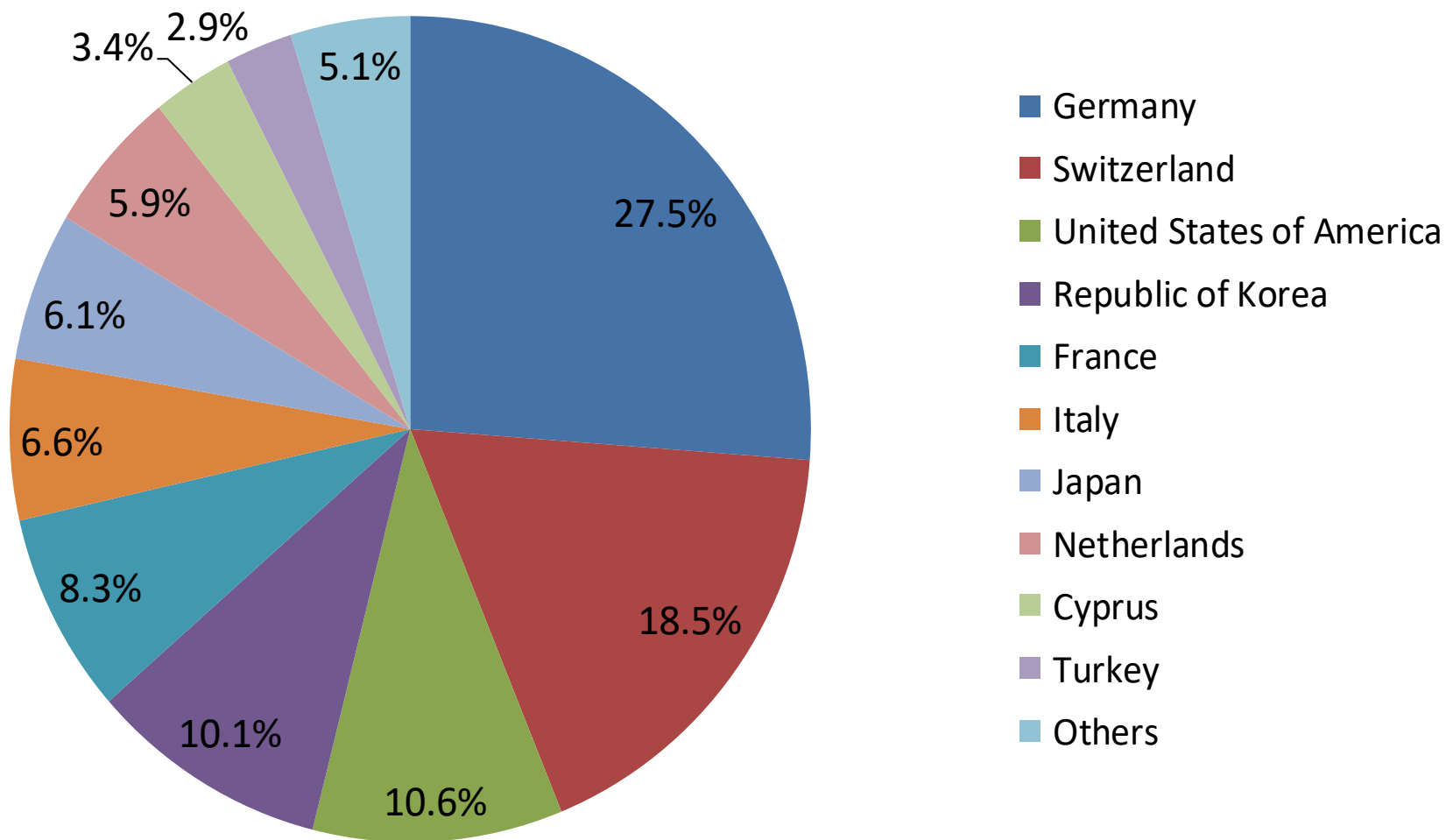


Industrial designs by right-holder	Number of right-holders	
1 design	6558	67.19%
2 designs	1360	13.87%
3-10 designs	1498	15.28%
11-100 designs	328	3.35%
> 100 designs	31	0.32%
All	9805	100.00%

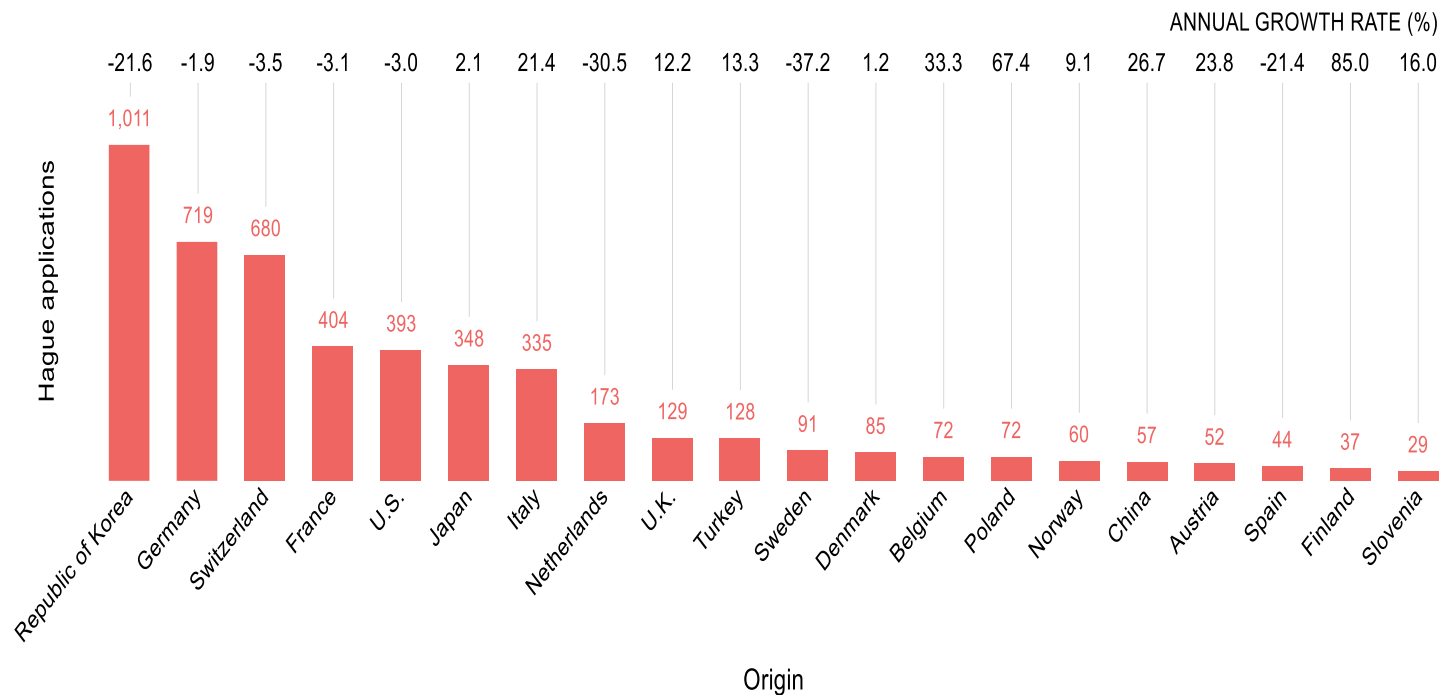
**Registrations
in force**
(34,324)



Origin of Holders per Designs in International Registrations by Country of the Address of the Holder- 2017



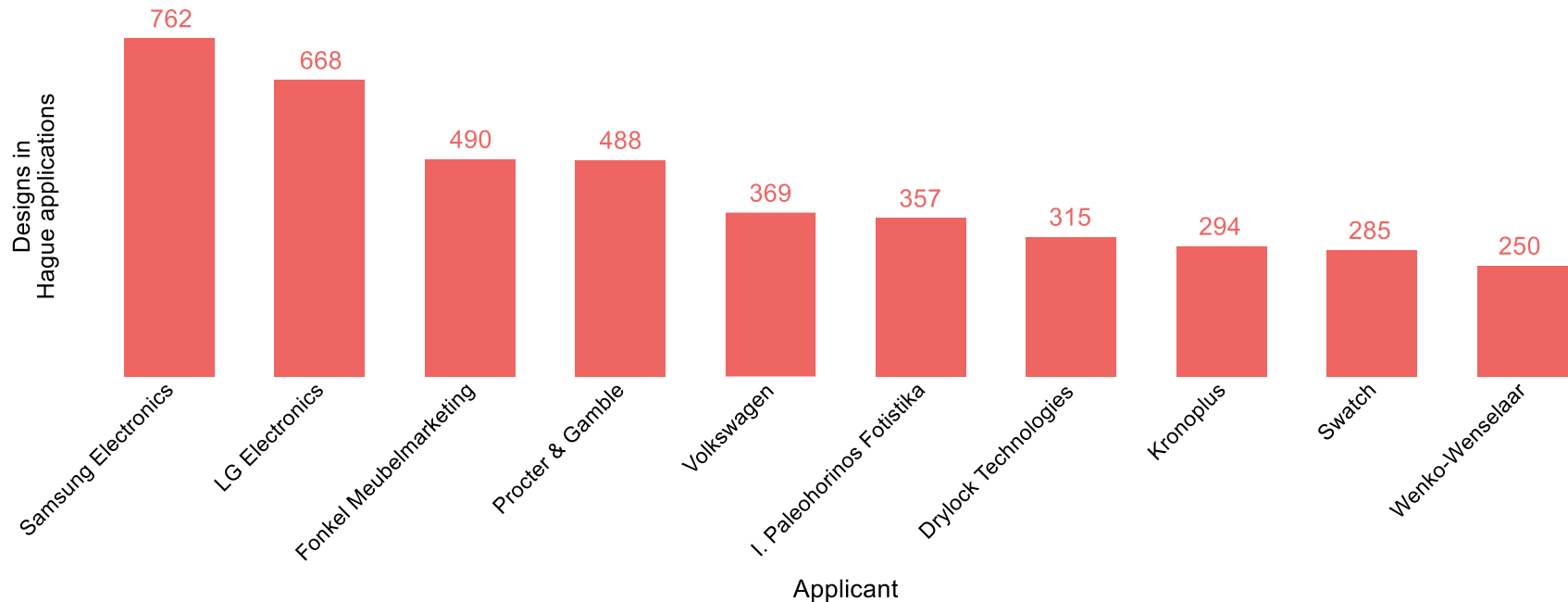
International applications in 2017 by country of address of the applicant Belgium in the 13th position



Source: WIPO Statistics Database, May 2018.

Top applicants based on the number of designs, 2017

Drylock Technologies N.V., Belgium, in the TOP TEN



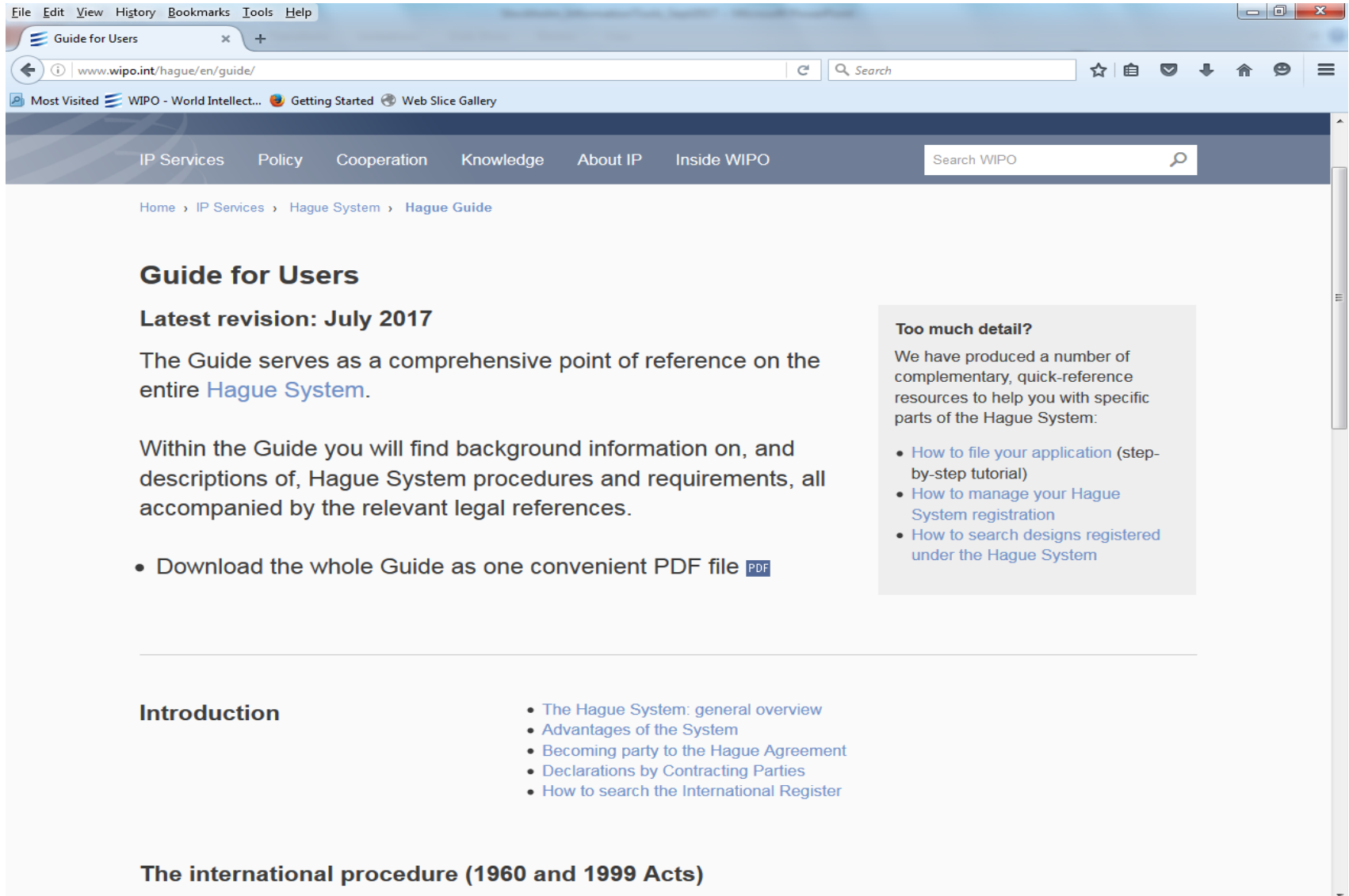
Source: WIPO Statistics Database, May 2018.



Latest Developments

Guide for Users

Comprehensive Point of Reference



The image is a screenshot of a web browser displaying the WIPO Guide for Users. The browser's address bar shows the URL 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 bar 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?", lists three quick-reference resources: "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: "The Hague System: general overview", "Advantages of the System", "Becoming party to the Hague Agreement", "Declarations by Contracting Parties", and "How to search the International Register". The final section is titled "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](#)

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](#)



FEATURED



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

Guidance on Preparing and Providing Reproductions in Order to Forestall

Possible Refusals on the Ground of Insufficient Disclosure of an Industrial Design by Examining Offices

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

[Help](#)

[Bulletin archives 2004-2011](#)

[Download XML Bulletin](#)

[Notes on Bulletin information](#)

[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	

WIPO

WORLD INTELLECTUAL PROPERTY ORGANIZATION

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

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						

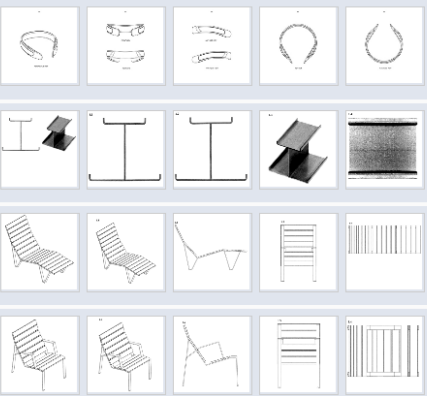
Display: List Sort: Value - asc filter

41 - 50 / 5,226,815

Display: 10 per page options

Sort by Reg. Date - desc

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



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

Reference

- Forms

- <http://www.wipo.int/hague/en/forms/>

- Hague System E-Filing Tutorial

- http://www.wipo.int/hague/en/how_to/efiling_tutorial/index.html

- Hague System Fee Calculator

- <http://www.wipo.int/hague/en/fees/calculator.jsp>



Hague Information Tools

New Hague Information Tools

■ New functionalities available at www.wipo.int/hague

- **Contact Hague Form**

1. Single point of contact for users;
2. Automated and history viewable



- **Hague Member Profiles Database**

1. Compilation of data;
2. Search tool



Thank You!

www.wipo.int/hague



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

Brussels, September 18, 2018

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

Searching with PATENTSCOPE: Field Combination

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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: 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	Electric Car			US	18.07.2013
B60K 1/00	13352747		Jin Bruce	Jin Bruce	
<p>An electric car 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 electric car. 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 electric car. 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 electric car. A plug point is located at a rear end of the electric car for charging the battery pack. A pair of rotatable front wheels and back wheels is provided for ensuring smooth movement of the electric car. The electric car is designed to achieve better performance by reducing the power consumption.</p>					
2. WO/2017/031877	CHILD ELECTRIC CAR			WO	02.03.2017
B62K 5/08	PCT/CN2015/098164		GOODBABY CHILD PRODUCTS CO., LTD	HE, Xinjun	
<p>A child electric car comprises a car rack (1), wheel assemblies, a driving mechanism, and the child electric car further comprises a direction control apparatus that can control the moving direction of the child electric car 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 electric car 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 electric car, 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 electric car, the direction control apparatus of the child electric car 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 electric car.</p>					
3. 2009017770	ELECTRIC CAR			JP	22.01.2009

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

PCT Biblio. Data | Full Text | Drawings | National Phase | Notices | Documents

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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

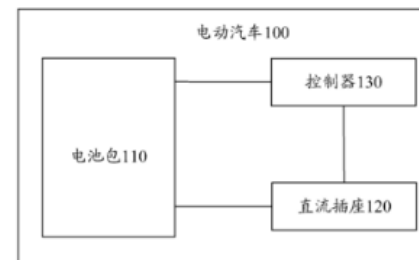


图 3

100 Electric car 120 DC socket
 110 Battery pack 130 Controller

[PCT Biblio. Data](#)[Full Text](#)[Drawings](#)[National Phase](#)[No](#)

Machine translation

Wipo Translate

Google Translate

Bing/Microsoft Translate

Baidu Translate

说明书

[发明名称](#) [0001](#) [0002](#) [0003](#) [0004](#) [0005](#) [0006](#) [0007](#) [0008](#) [0009](#) [0010](#) [0011](#) [0012](#) [0013](#) [0014](#) [0015](#) [0016](#) [0017](#) [0018](#) [0019](#) [0020](#)
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附图

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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

PCT Biblio. Data

Full Text

Drawings

National Phase

Notices

Documents

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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 0249 0250 0251 0252 0253 0254 0255 0256

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

Searching with PATENTSCOPE: Cross Lingual Expansion

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Cross Lingual Expansion

[Help]

Search For: *

electric car

Query Language:

English

Expansion Mode:

Automatic

Precision

1

Recall

Submit Query

Chinese

Korean

Results 1-10 of 417,763 for Criteria:FP:(("EN_TI:("electric car" OR "electric vehicle" OR "electric motor"~21) OR EN_AB:("electric car" OR "electric vehicle" OR "electric motor"~21)) OR (DA_TI:("elektrisk motor"~22 OR "elektrisk bil"~22 OR "elektrisk køretøj" OR "elektrisk motordrevet"~22 OR "elektrisk motordrevne"~22 OR "elektrisk motorkoeretoerj"~22 OR "elektrisk beskadigede"~22 OR "elektrisk forsynes" OR "elektrisk såsom"~22) OR DA_AB: ("elektrisk motor"~22 OR "elektrisk bil"~22 OR "elektrisk køretøj" OR "elektrisk motordrevet"~22 OR "elektrisk motordrevne"~22 OR "elektrisk motorkoeretoerj"~22 OR "elektrisk beskadigede"~22 OR "elektrisk forsynes" OR "elektrisk såsom"~22)) OR (DE_TI:("Elektrofahrzeug" OR "elektrisches Fahrzeug" OR "Elektroauto" OR "Elektroautos" OR "elektrisches Auto") OR DE_AB:("Elektrofahrzeug" OR "elektrisches Fahrzeug" OR "Elektroauto" OR "Elektroautos" OR "elektrisches Auto")) OR (ES_TI:("vehículo eléctrico" OR "coche eléctrico" OR "vagón eléctrico" OR "automóvil eléctrico" OR "carro eléctrico") OR ES_AB:("vehículo eléctrico" OR "coche eléctrico" OR "vagón eléctrico" OR "automóvil eléctrico" OR "carro eléctrico")) OR (FR_TI: ("véhicule électrique" OR "voiture électrique" OR "auto électrique") OR FR_AB:("véhicule électrique" OR "voiture électrique" OR "auto électrique")) OR (IT_TI:("elettrico motore"~22 OR "elettrico autoveicoli"~22 OR "elettrico autovettura"~22 OR "elettrico auto"~22 OR "elettrico automobile"~22 OR "elettrico automobilistico"~22 OR "elettrico vettura"~22 OR "elettrico mantenibili"~22 OR "elettrico veicolo"~22) OR IT_AB:("elettrico motore"~22 OR "elettrico autoveicoli"~22 OR "elettrico autovettura"~22 OR "elettrico auto"~22 OR "elettrico automobile"~22 OR "elettrico automobilistico"~22 OR "elettrico vettura"~22 OR "elettrico mantenibili"~22 OR "elettrico veicolo"~22)) OR (JA_TI:("電車" OR "電気自動車" OR "電動車両" OR "電気車") OR JA_AB: ("電車" OR "電気自動車" OR "電動車両" OR "電気車")) OR (KO_TI:("전기차량의" OR "전기 자동차의" OR "전기차" OR "전기 자동차용" OR "이용한 전기자동차") OR KO_AB:("전기차량의" OR "전기 자동차의" OR "전기차" OR "전기 자동차용" OR "이용한 전기자동차")) OR (NL_TI:("elektrische auto"~22 OR "elektrische wagens"~22 OR "elektrische autodelen"~22 OR "elektrische personen"~22 OR "elektrische gebogen"~22 OR "elektrische personenauto"~22 OR "elektrische cabine"~22 OR "elektrische motorisch"~22 OR "elektrische kinderstoelbevestiging"~22) OR NL_AB:("elektrische auto"~22 OR "elektrische wagens"~22 OR "elektrische autodelen"~22 OR "elektrische personen"~22 OR "elektrische gebogen"~22 OR "elektrische personenauto"~22 OR "elektrische cabine"~22 OR "elektrische motorisch"~22 OR "elektrische kinderstoelbevestiging"~22)) OR (PL_TI:("elektrycznego samochodu"~22 OR "elektrycznego samochodowego"~22 OR "elektrycznego mechanicznych"~22 OR "elektrycznego silnikowego"~22 OR "elektrycznego dziecka"~22 OR "elektrycznego stosowany"~22 OR "pojazd elektryczny" OR "związca pojazdu elektrycznego" OR "elektrycznego pojazdach"~22) OR PL_AB: ("elektrycznego samochodu"~22 OR "elektrycznego samochodowego"~22 OR "elektrycznego mechanicznych"~22 OR "elektrycznego silnikowego"~22 OR "elektrycznego dziecka"~22 OR "elektrycznego stosowany"~22 OR "pojazd elektryczny" OR "związca pojazdu elektrycznego" OR "elektrycznego pojazdach"~22)) OR (PT_TI:("veículo elétrico" OR "automóvel eléctrico" OR "veículo eléctrico" OR "veículo eléctrico associado") OR PT_AB:("veículo elétrico" OR "automóvel eléctrico" OR "veículo eléctrico" OR "veículo eléctrico associado")) OR (RU_TI:("электромобиль" OR "электротранспорта" OR "электрического транспортного средства" OR "транспортного средства с электрическим") OR RU_AB:("электромобиль" OR "электротранспорта" OR "электрического транспортного средства" OR "транспортного средства с электрическим")) OR (SV_TI:("elfordon" OR "elektrisk bil"~22 OR "elektrisk motorfordon"~22 OR "elektriskt fordon" OR "elektrisk motordrivet"~22 OR "elektrisk motor"~22 OR "elektrisk fastsättning"~22 OR "elektrisk fastsaettning"~22 OR "elektrisk drift"~22) OR SV_AB:("elfordon" OR "elektrisk bil"~22 OR "elektrisk motorfordon"~22 OR "elektriskt fordon" OR "elektrisk motordrivet"~22 OR "elektrisk motor"~22 OR "elektrisk fastsättning"~22 OR "elektrisk fastsaettning"~22 OR "elektrisk drift"~22)) OR (ZH_TI: ("电动汽车" OR "电动汽车" OR "电动轿车" OR "一种电动车或" OR "电动汽车与") OR ZH_AB:("电动汽车" OR "电动汽车" OR "电动轿车" OR "一种电动车或" OR "电动汽车与")) Office(s):all Language:EN Stemming: true

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

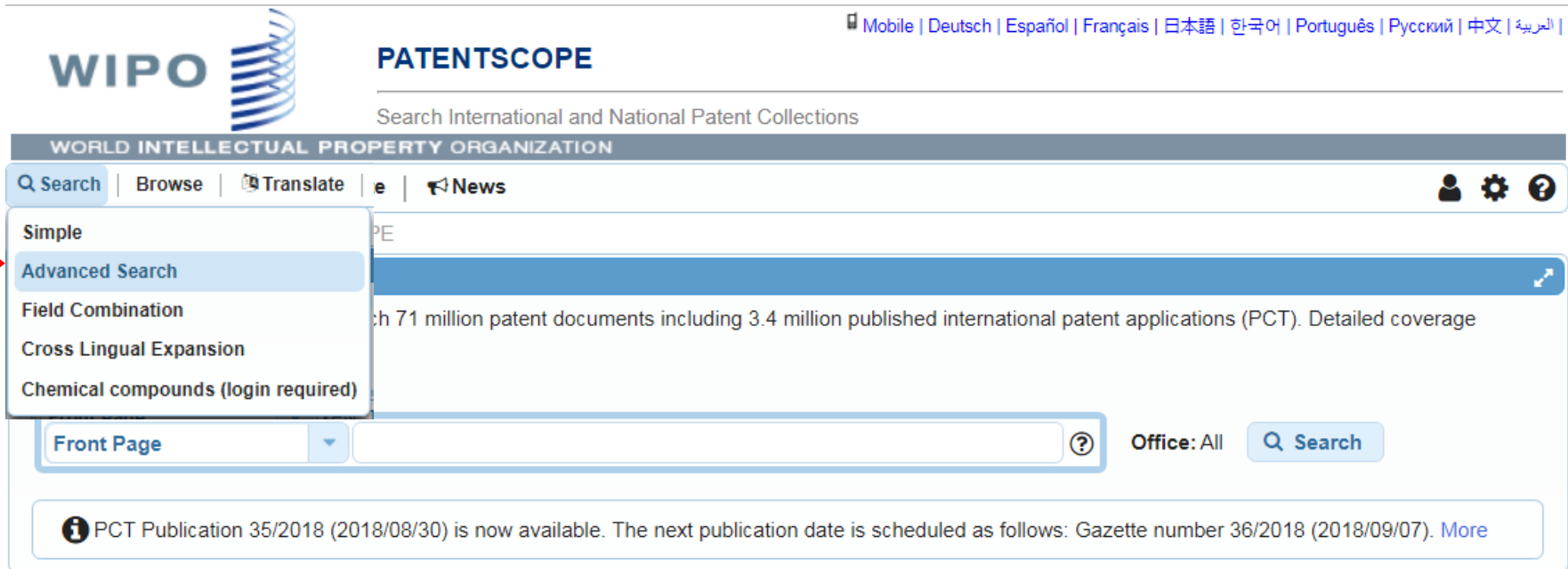
«electric car »
only results
vs. cross
lingual results



Cross lingual
query with
synonyms



Searching with PATENTSCOPE: Advanced Search



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Front Page

(EN_TI:("electric car" OR "electric vehicle" OR "electric motor"~2

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- User Guide: Cross Lingual Expansion
- User Guide: ChemSearch
- Query Syntax
- Fields Definition
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Fields Diagram

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



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



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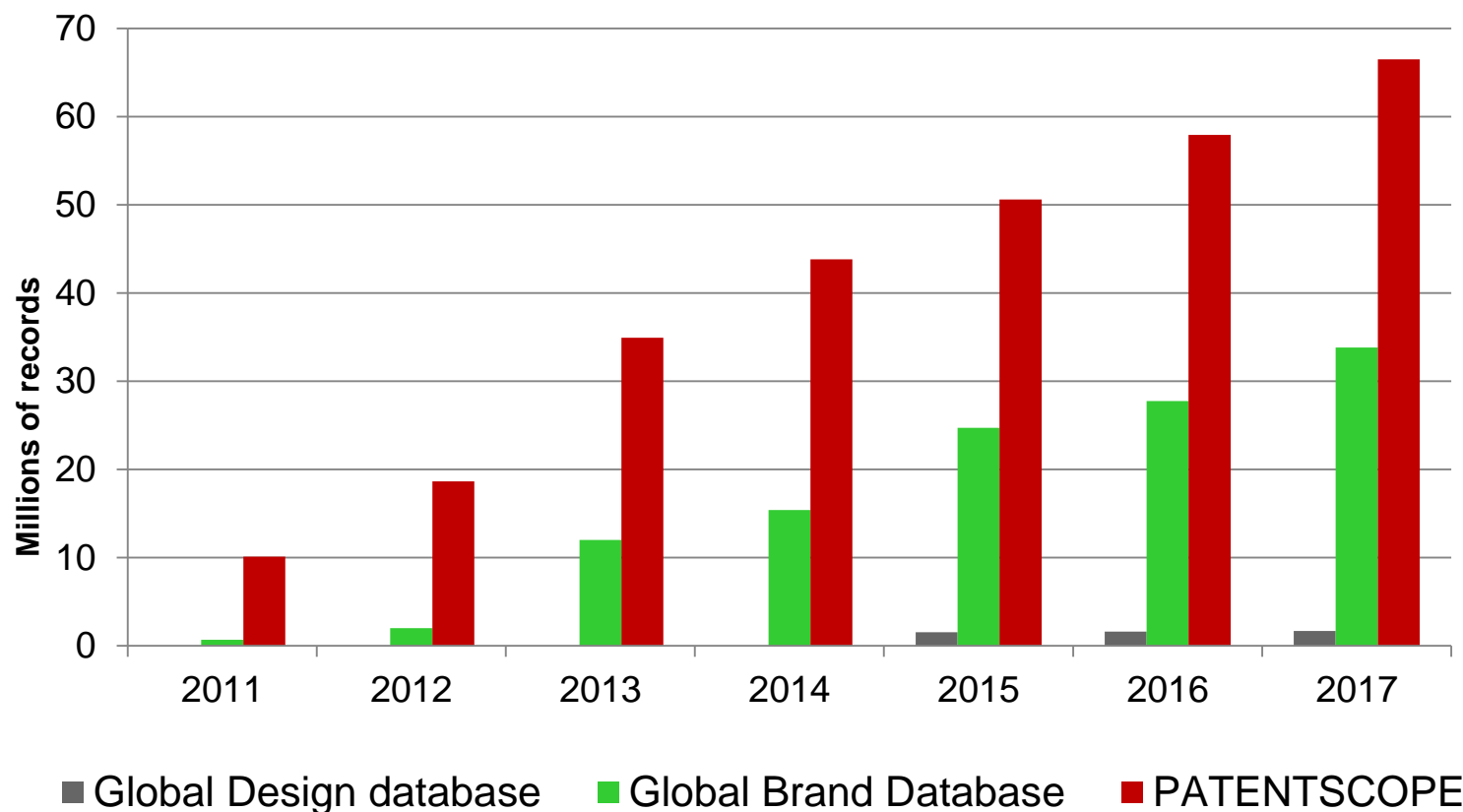
Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
					Inventor
1. WO/2018/158078		PRECURSOR AND METHOD FOR PREPARING Ni BASED CATHODE MATERIAL FOR RECHARGEABLE LITHIUM ION BATTERIES		WO	07.09.2018
C01G 53/00	 PCT/EP2018/053638	UMICORE		PARK, Areum	
A crystalline precursor compound for manufacturing a lithium transition metal based oxide powder usable as an active positive electrode material in lithium-ion batteries, the precursor having a general formula $Li\ 1-a\ ((Ni_z\ (Ni_{1/2}\ Mn_{1/2})_y\ Cox)\ 1-k\ Ak)\ 1+a\ O_2$, wherein $x+y+z=1$, $0.1 \leq x \leq 0.4$, $0.25 \leq z \leq 0.52$, A is a dopant, $0 \leq k \leq 0.1$, and $0.03 \leq a \leq 0.35$, wherein the precursor has a crystalline size L expressed in nm, with $15 \leq L \leq 36$. Also a method is described for manufacturing a positive electrode material having a general formula $Li\ 1+a'\ M'_{1-a'}\ O_2$, with $M' = (Ni_z\ (Ni_{1/2}\ Mn_{1/2})_y\ CO_x)\ 1-k\ Ak$, wherein $x+y+z=1$, $0.1 \leq x \leq 0.4$, $0.25 \leq z \leq 0.52$, A is a dopant, $0 \leq k \leq 0.1$, and $0.01 \leq a' \leq 0.10$, by sintering the lithium deficient precursor powder mixed with either one of LiOH, Li ₂ O and LiOH.H ₂ O, in an oxidizing atmosphere at a temperature between 800 and 1000°C, for a time between 6 and 36 hrs.					
2. WO/2018/138085		ALKOXY BIS-HETEROARYL DERIVATIVES AS MODULATORS OF PROTEIN AGGREGATION		WO	02.08.2018
C07D 417/12	 PCT/EP2018/051579	UCB BIOPHARMA SPRL		HALL, Adrian	
The present invention relates to certain bis-heteroaryl compounds, pharmaceutical compositions containing them, and methods of using them, including methods for preventing, reversing, slowing, or inhibiting protein aggregation, and methods of treating diseases that are associated with protein aggregation, including neurodegenerative diseases such as Parkinson's disease, Alzheimer's disease, Lewy body disease, Parkinson's disease with dementia, fronto-temporal dementia, Huntington's Disease, amyotrophic lateral sclerosis, and multiple system atrophy, and cancer including melanoma.					
3. WO/2018/138086		BIS-HETEROARYL DERIVATIVES AS MODULATORS OF PROTEIN AGGREGATION		WO	02.08.2018
C07D 417/12	 PCT/EP2018/051580	UCB BIOPHARMA SPRL		HALL, Adrian	
The present invention relates to bis-heteroaryl compounds of formula (I), pharmaceutical compositions containing them, and methods of using them, including methods for preventing, reversing, slowing, or inhibiting protein aggregation, and methods of treating diseases that are associated with protein aggregation, including neurodegenerative diseases such as Parkinson's disease, Alzheimer's disease, Lewy body disease, Parkinson's disease with dementia, fronto-temporal dementia, Huntington's Disease, amyotrophic lateral sclerosis, and multiple system atrophy, and cancer including melanoma.					
4. WO/2018/138088		BICYCLIC BIS-HETEROARYL DERIVATIVES AS MODULATORS OF PROTEIN AGGREGATION		WO	02.08.2018
C07D 471/04	 PCT/EP2018/051584	UCB BIOPHARMA SPRL		HALL, Adrian	
The present invention relates to certain bicyclic bis-heteroaryl compounds of Formula (I), pharmaceutical compositions containing them, and methods of using them, including methods for preventing, reversing, slowing, or inhibiting protein aggregation, and methods of treating diseases that are associated with protein aggregation, including neurodegenerative diseases such as Parkinson's disease, Alzheimer's disease, Lewy body disease, Parkinson's disease with dementia, fronto-temporal dementia, Huntington's Disease, amyotrophic lateral sclerosis, and multiple system atrophy, and cancer including melanoma.					

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- 77.7% of requests have a searchable abstract
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- 71.7% of requests have searchable descriptions

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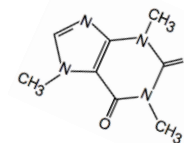
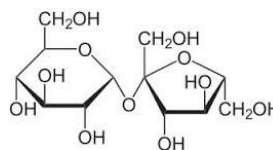
■ Cf. https://patentscope.wipo.int/search/en/help/data_coverage.jsf

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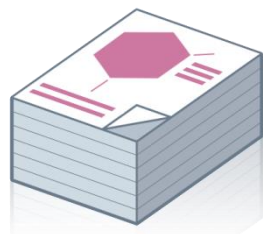


Chemical Search

Principle:

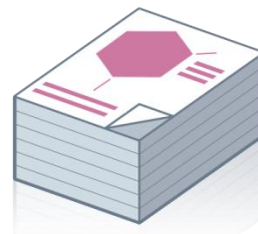


- Identify chemical formulas in patent texts
- Associate all the different representations of a chemical formula with a single representation(Inchikey)
- Provide search functions for these "Inchikeys" that can be used by the general public



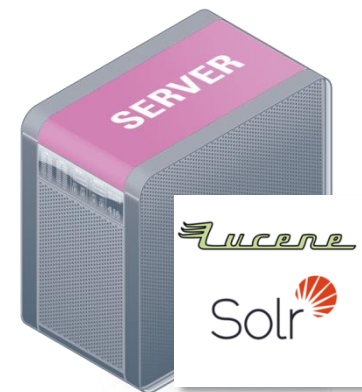
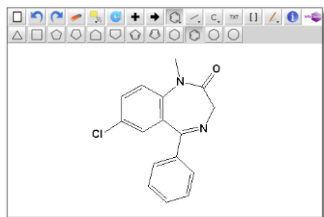
PATENTSCOPE Documents

(...) 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

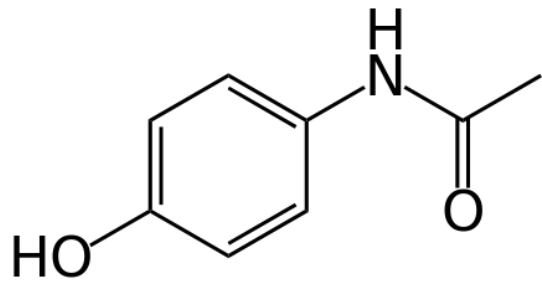
(...) At the moment the surgical procedure starts, benzodiazepin, e.g. @AAOVKJBEBIDNHE-UHFFFAOYSA-N@, is administered in a dose of no more than 5 mg. (...)



Standardization

Nom IUPAC

N-(4-hydroxyphenyl)acetamide



INN

paracétamol

Other denominations

panadol, tylenol, ...

RZVAJINKPMORJF-UHFFFAOYSA-N

Acetaminophen,

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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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Compound name

Theobromine

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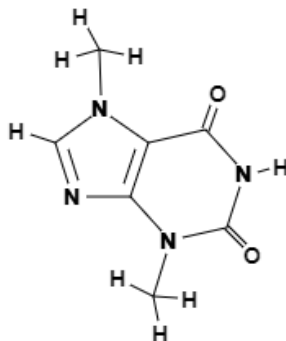
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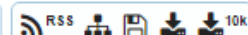
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 InChIKey: YAPQBXQYLJRXSA-UHFFFAOYSA-N
 Molecular Formula: C7H8N4O2
 Molecular Weight: 180.167 g/mol

Search for scaffold: Office: All

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Results 1-10 of 27,120 for [Criteria:CHEM:\(YAPQBQYLJRXSA-UHFFFAOYSA-N\)](#) [Office\(s\):all](#) [Language:EN](#) [Stemming:true](#)
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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
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 ₂ -receptor antagonists, γ-aminobutyric acid-b (GABA-B) agonists, prodrugs of GABA-B agonists, and protease inhibitors.					
2. 20180235891		NON-GELATIN ENTERIC SOFT CAPSULES		US	23.08.2018
A61K 9/48	15959645		PATHEON SOFTGELS INC.		Qi FANG
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.					
3. 20180235892		SILK-BASED CAPSULES		US	23.08.2018
A61K 9/48	15959631		PATHEON SOFTGELS INC.		Tatyana DYAKONOV
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.					
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
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			G01N 33/6854

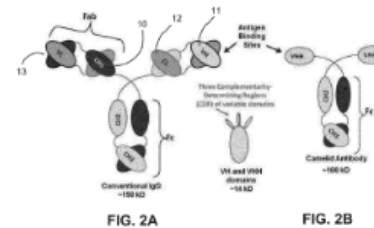
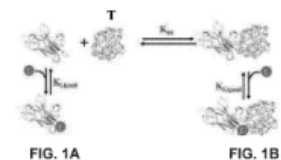
Applicants: BOARD OF TRUSTEES OF NORTHERN ILLINOIS UNIVERSITY
 Inventors: James R. Horn

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.

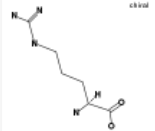
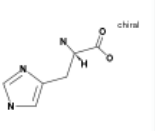
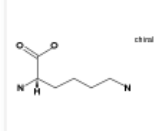
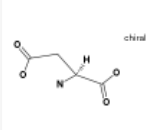
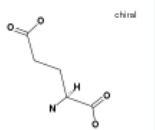
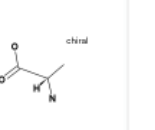
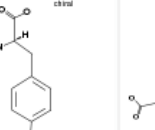
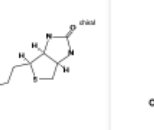
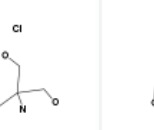
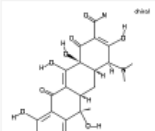
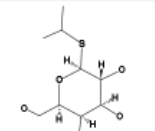
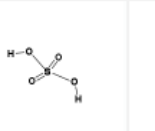
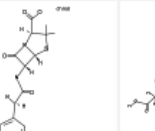
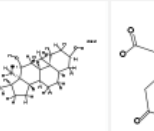
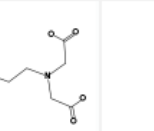
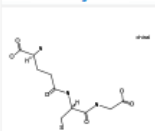
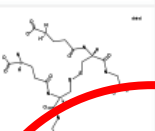
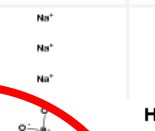
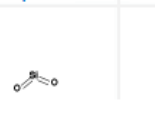


(prior art)



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
 Arginine	 Histidine	$\text{Na}^+ \text{Cl}^-$	 Lysine
 Aspartic Acid	 Glutamic Acid	 Alanine	 Tyrosine
 Biotin	 Trometamol	 Tetracycline	 Ampicillin
 Deoxycholic acid	 Edetic acid	 Oxiglutatione	 Glycerol
 Theobromine	 Theobromine	 Theobromine	 Theobromine

Theobromine

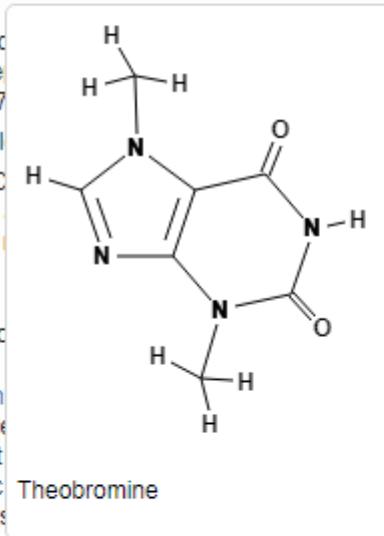
While VHH domains have rivaled conventional antibodies in terms of their affinity for protein antigens, much less is known regarding their ability to bind small haptens. To address this gap, the three CDRs of a recently generated anti-caffeine VHH antibody were grafted onto the anti-RNase A VHH domain, 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 , ΔG° , ΔH° , and ΔS°) (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 ΔG° 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 ΔC_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⁻¹cm⁻¹ (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 the methods described by Pace, et. al. (Pace, et al. 1995). Titrations were performed with VHH as the titrant and caffeine as the titrand. All experiments were performed using the methods described by Pace, et. al. (Pace, et al. 1995).

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 obtained. The structure of the VHH/ caffeine complex agrees with the 2:1 VHH/ caffeine stoichiometry, as two VHH molecules bind to one caffeine molecule. Interestingly, in the process of forming the VHH/ caffeine complex, the CDR3 loops of both VHH molecules are displaced, allowing for the exposure of new surface area for recognition of caffeine, which is shown in FIG. 16C.



The VHH variant and bovine RNase A were dialyzed into 150 mM NaCl and 20 mM Tris (pH 3.0-5.5). Protein concentrations were determined by UV absorbance using a UV-visible spectrometer (Hewlett-Packard) were 9440 M⁻¹cm⁻¹ (RNase A) and 12000 M⁻¹cm⁻¹ (VHH). Titrations were performed with VHH as the titrant and RNase A as the titrand. All experiments were performed using the methods described by Pace, et. al. (Pace, et al. 1995). Titrations were performed with VHH as the titrant and RNase A as the titrand. All experiments were performed using the methods described by Pace, et. al. (Pace, et al. 1995).

of the interaction. First, the crystal structure of the VHH/ caffeine complex was determined. The two VHH molecules are oriented by a 2-fold symmetry rotation, reminiscent of the structure of the VHH/ caffeine complex. Interestingly, in the process of forming the VHH/ caffeine complex, the CDR3 loops of both VHH molecules are displaced, allowing for the exposure of new surface area for recognition of caffeine, which is shown in FIG. 16C. This movement appears to allow for 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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Results 1-10 of 10 for Criteria:CHEM:(YAPQBXQYLJRXS-UHFFFAOYSA-N) AND EN_AB:chocolate AND DS:BE Office(s):all Language:EN Stemming: true

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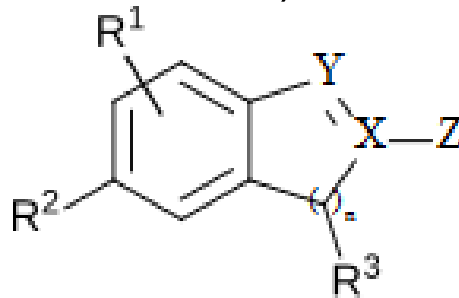
Sort by: Relevance View All List Length 10 Machine translation

Int.Class	Appl.No	Title	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.					
2. WO/2002/078746		NOVEL CHOCOLATE COMPOSITION AS DELIVERY SYSTEM FOR NUTRIENTS AND MEDICATIONS		WO	10.10.2002
A23G 1/00	PCT/US2002/009597		ALTAFER, Paulo		HUGHES, Kerry

A novel chocolate product for use in delivering medicaments and/or nutrients to animals, particularly humans, specially formulated so that the craving for such product by animals, particularly humans, is significantly greater than the craving for chocolate conventionally used in pharmaceutical compositions and the concentration, optimization, and the addition of endogenous and exogenous ingredients to increase such craving as well as to treat specific indications. The chocolate product contains: from about 0.5 to about 200 milligrams, more preferably from about 5 to about 20 milligrams, of one or more biogenic amines per 1 gram of the chocolate product; from about 10 to about 500 milligrams, more preferably from about 20 to about 200 milligrams, of one or more amino acids per 1 gram of the chocolate product;

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 and US national collections
- Languages: English and German

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)

In development

- In addition to English and German, chemical formulas recognition in texts in Japanese, Chinese, Korean, Russian and French.
- Processing of the historical data of the corresponding collections (JP, CN, KR, RU, EA, EPO)
- Search of chemical substructures

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
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Global Dossier: An example



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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
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Tutorials

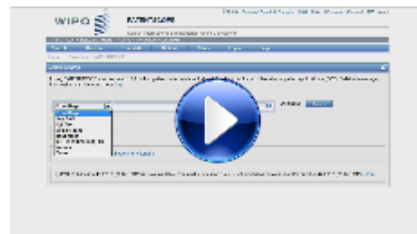
Presentation

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



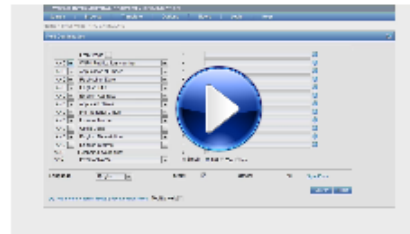
Search by keyword, number, inventor/company name

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

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- Arabic->English (Neural MT Beta)
- English->German (Neural MT)
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- 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
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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

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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

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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

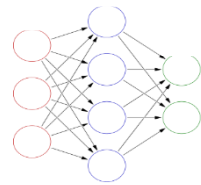
an information processing apparatus includes: **a first nonvolatile memory; a second nonvolatile memory; and a control unit**

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)

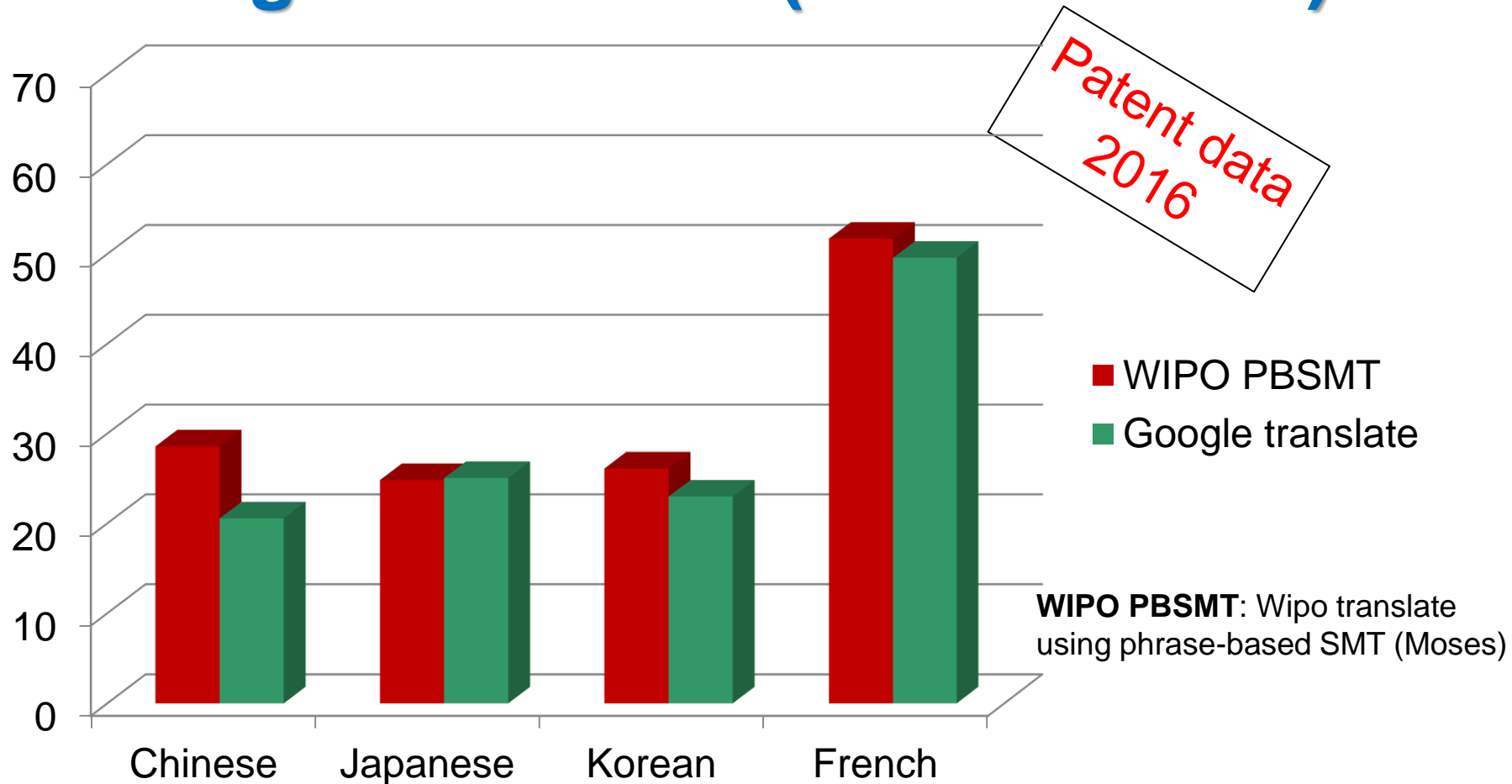
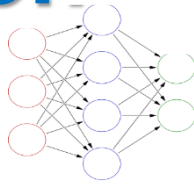
invention discloses	a by	placing a real object	at a	different location	to	play a music	entertainment device
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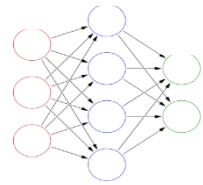
NMT (new WIPO translate)

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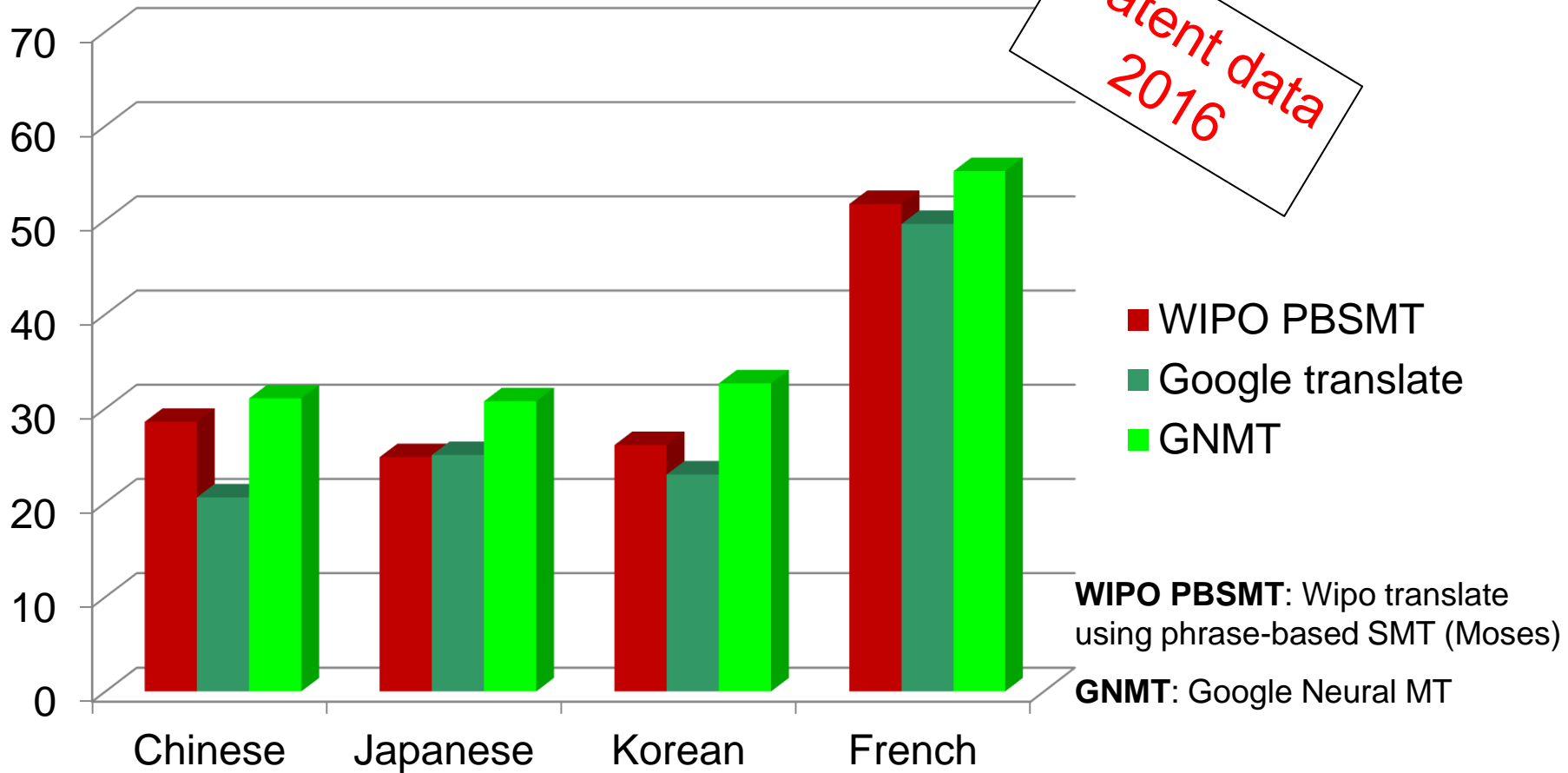
Comparison of quality of translation between WIPO*Translate et de Google*Translate (BLEU scores)



PBSMT vs NMT



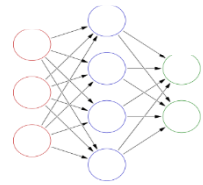
Patent data
2016



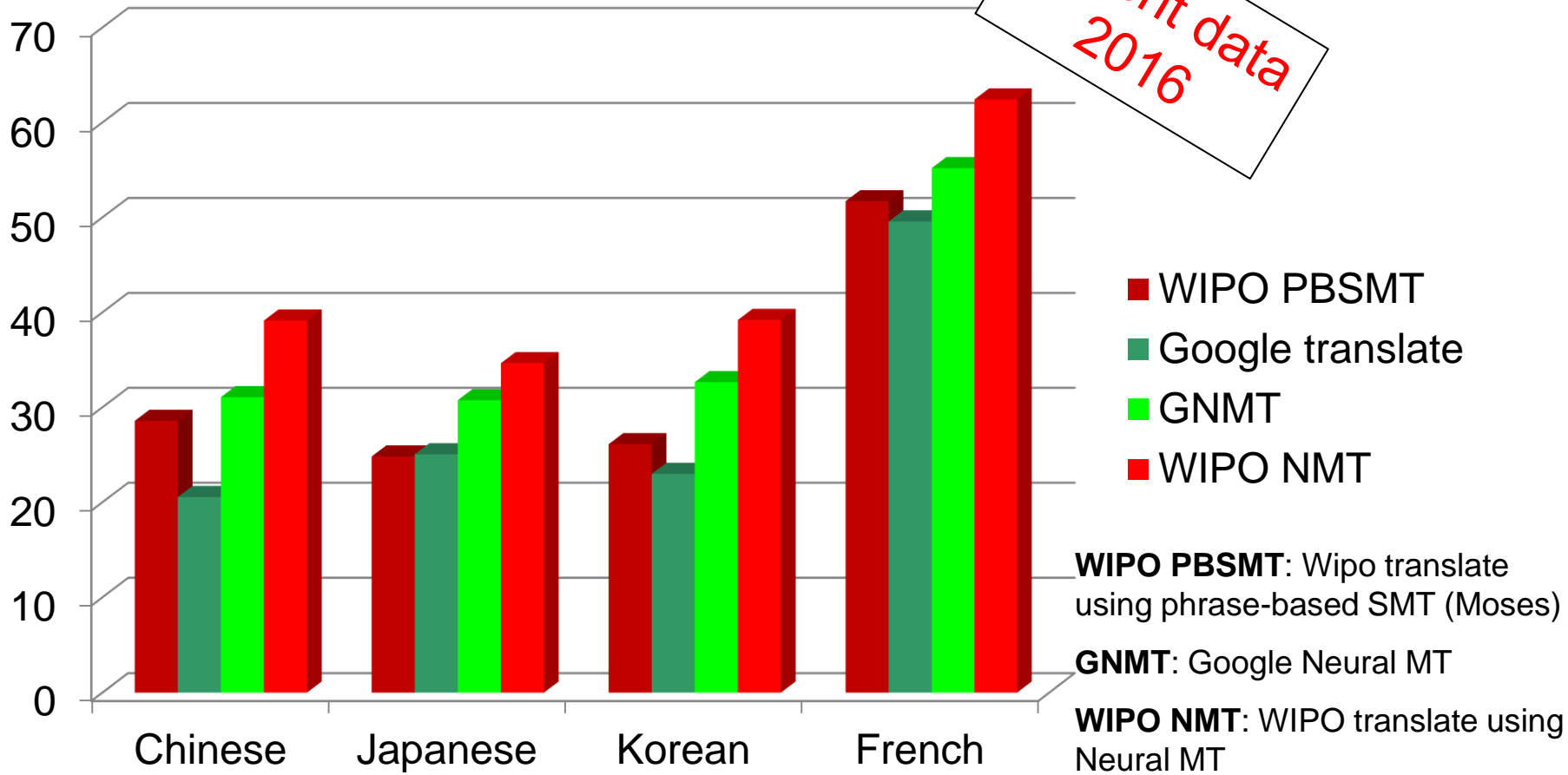
WIPO PBSMT: Wipo translate using phrase-based SMT (Moses)

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

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- WIPO Translate
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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

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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
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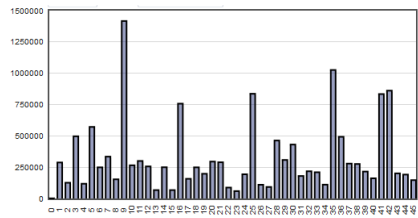
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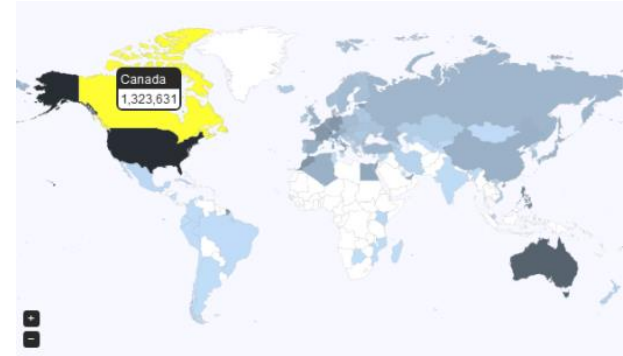
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<input type="checkbox"/>	VULCAN	NZ TM	Pending	1	NZ	Abodo Wood Limited	1102250	2018-09-11			19
<input type="checkbox"/>	PICKLE	NZ TM	Pending	1	NZ	Douglas Alan Hebert	1102253	2018-09-11			8
<input type="checkbox"/>	LYFT (Stylised)	NZ TM	Pending	1	NZ	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	Your Wills
<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

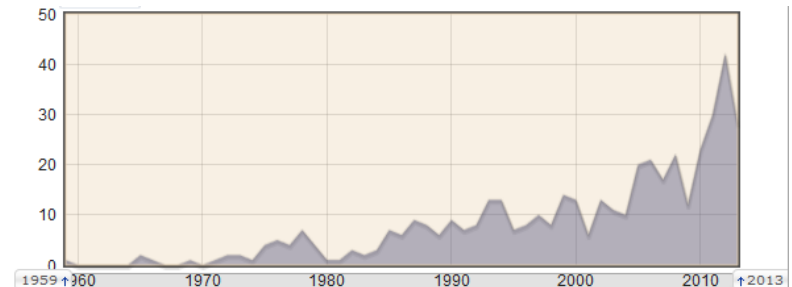


Image similarity search

- 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’

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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

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<input type="checkbox"/>	1	NZ	Abodo Wood Limited	1102250	2018-09-11		19	
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<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	
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<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	

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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 2018-09-31 Image searching in the Global Brand Database	Data from Georgia available 2018-06-12 Over 10,000 records added	Free webinars 2018-06-22 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 = 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

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

← 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 Indications 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
				PG TM	0
				PH TM	72
				SG TM	0
				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

Display: 60 per page options


Sort by Relevance - desc

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



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






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

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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

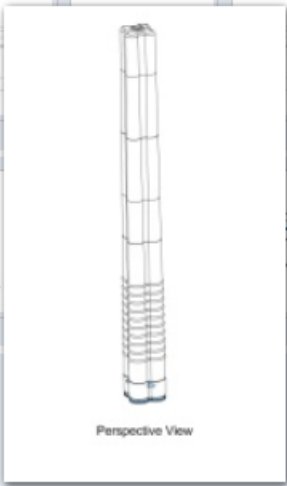
- (11) International Registration Number
DM/102 564
- (15) Date of the international registration
21.08.2018
- (22) Filing date
21.08.2018
- (73) Name and address of the holder(s)
LUKAS KLAUS WERLE
Klarenbrunnstraße 46,
A-6700 Bludenz (AT)
- (86) Contracting Party of which the holder is a national
EM
- (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

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



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Register for upcoming webinars

[The result list in the Global Design Database](#) (June 19, 2018 at 5.30 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

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- 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](#)

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- Barbados (51)
- Belarus (77)
- Belgium (85)**
- Belize (45)
- Benin (8)
- Bhutan (24)

Subject Matter

Select a Topic

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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IP Legislation

Treaties

Full Text Search

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Bahamas (27)
Bahrain (25)
Bangladesh (12)
Barbados (51)
Belarus (77)
Belgium (85)

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 Law



[Sweden: Act on Trade Secrets \(2018:558\)](#)
July 1, 2018

[United Kingdom: Digital Economy Act 2017](#)
June 30, 2018

WIPO Lex Search

Query:

Belgium

Patents (Inventions)

61 record(s) found.

Main IP Laws: enacted by the Legislature

Date of Text	Entity	Title
April 19, 2014	Belgium	Law of April 19, 2014, inserting Book XI 'Intellectual Property' to the Code of Economic Law, and specific provisions to the Book XI in Books I, XV and XVII of the Code
January 10, 2011	Belgium	January 10, 2011 - Law on the Protection of New Varieties of Plants
January 10, 2011	Belgium	January 10, 2011 - Law implementing the Treaty on the Law of Patents and the Act revising the Convention on the Grant of European Patents, and amending Various Provisions relating to Patents
May 15, 2007	Belgium	May 15, 2007 - Law on the Punishment of Counterfeiting and Piracy of Intellectual Property Rights (updated February 25, 2011)
April 21, 2007	Belgium	April 21, 2007 - Law containing Various Provisions relating to the Procedure for Filing European Patent Applications and Effects of these European Applications and Patents in Belgium
March 7, 2007	Belgium	March 6, 2007 - Law amending the Regulations Governing the Issuance of the Patent Regime and the Taxes Due related to Patents and Inventions as well as Supplementary Protection Certificates
April 28, 2005	Belgium	Law of April 28, 2005 modifying the Law of March 28, 1984 on Patents in particular the Patentability on Biotechnological Inventions
July 5, 1998	Belgium	July 5, 1998 - Law on the Supplementary Protection Certificate for Phytopharmaceuticals Products (updated April 11, 2007)
January 28, 1997	Belgium	January 28, 1997 - Law adapting the Law of March 28, 1984 on Patents to the Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS) annexed to the Agreement establishing the World Trade Organization
July 29, 1994	Belgium	July 29, 1994 - Law on the Supplementary Protection Certificate for Medicinal Products (updated April 11, 2007)
July 15, 1985	Belgium	July 15, 1985 - Law amending the Law of May 24, 1854 on Patents for Invention and the Law of December 30, 1925 amending the Law in Respect of Patents for Invention, Trademarks, Industrial Designs and Industrial Property in General.
March 28, 1984	Belgium	March 28, 1984 - Patent Law (updated on December 22, 2008)

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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

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



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

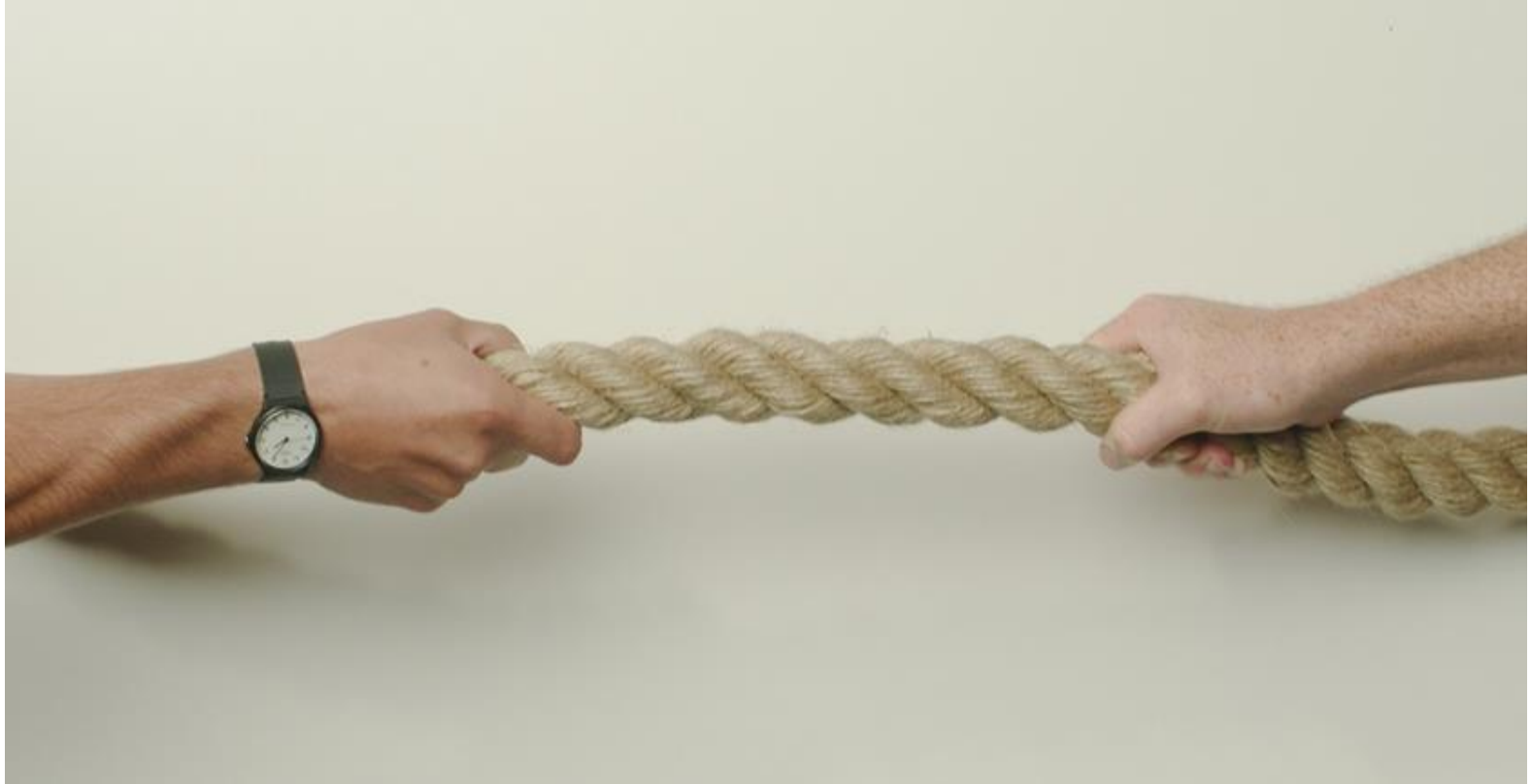
Resolving IP Disputes outside the Courts



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

Brussels, September 18, 2018

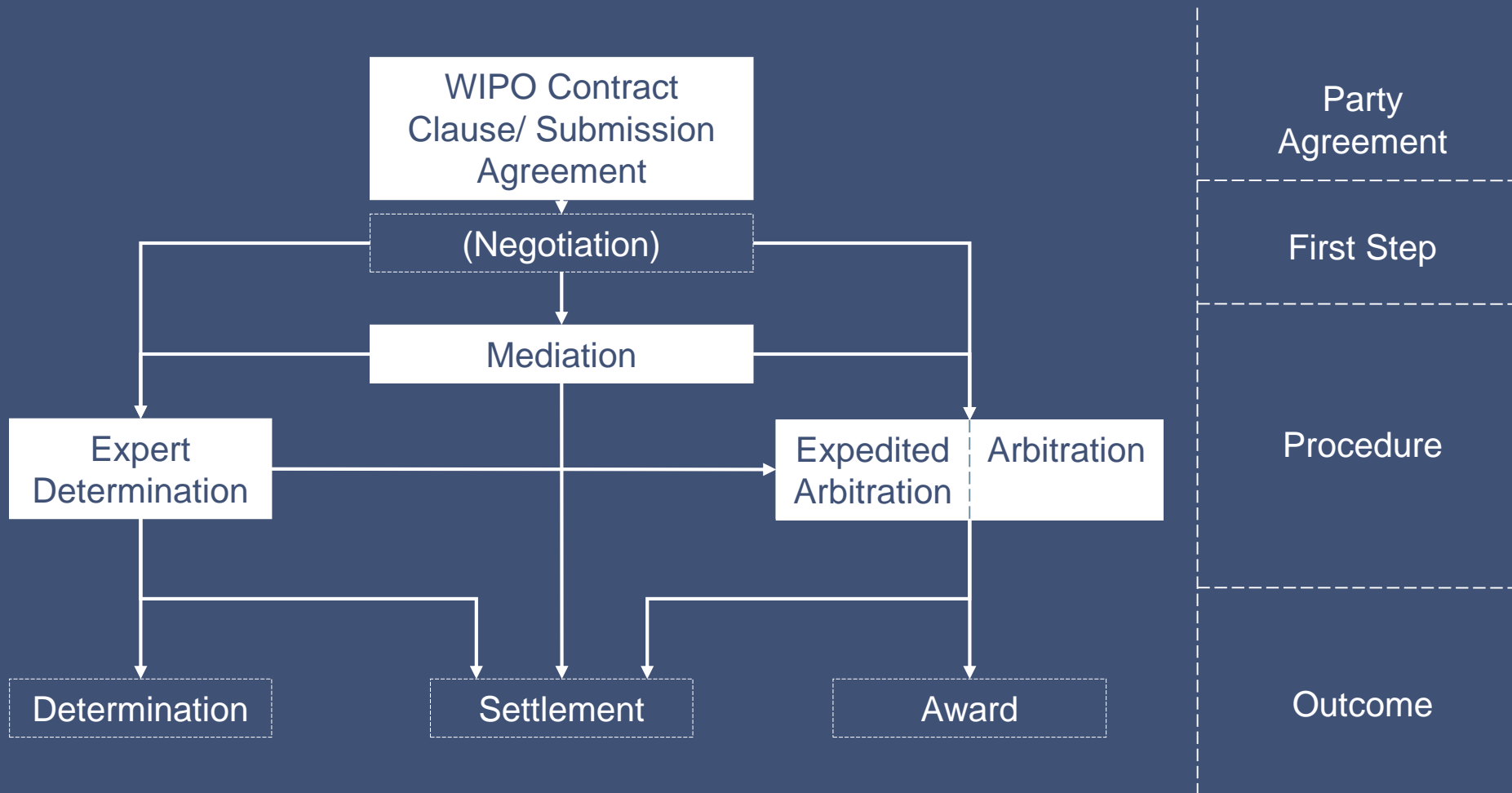
WIPO Arbitration and Mediation Center



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

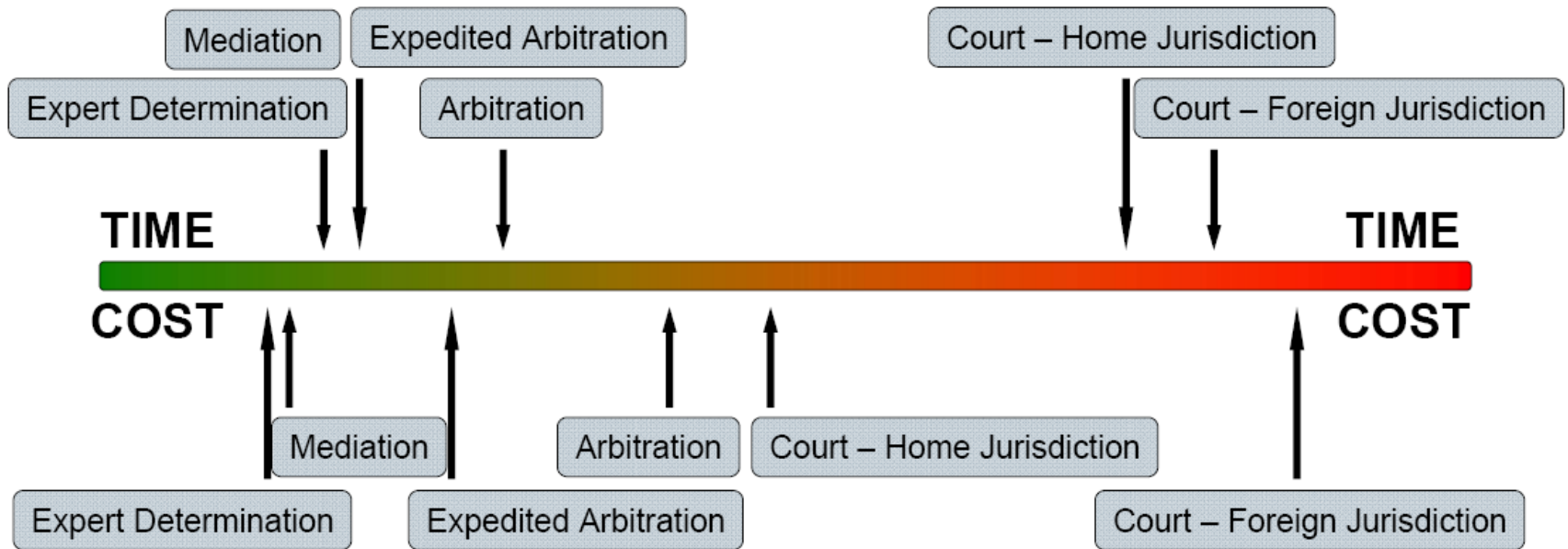
Arbitration

- 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

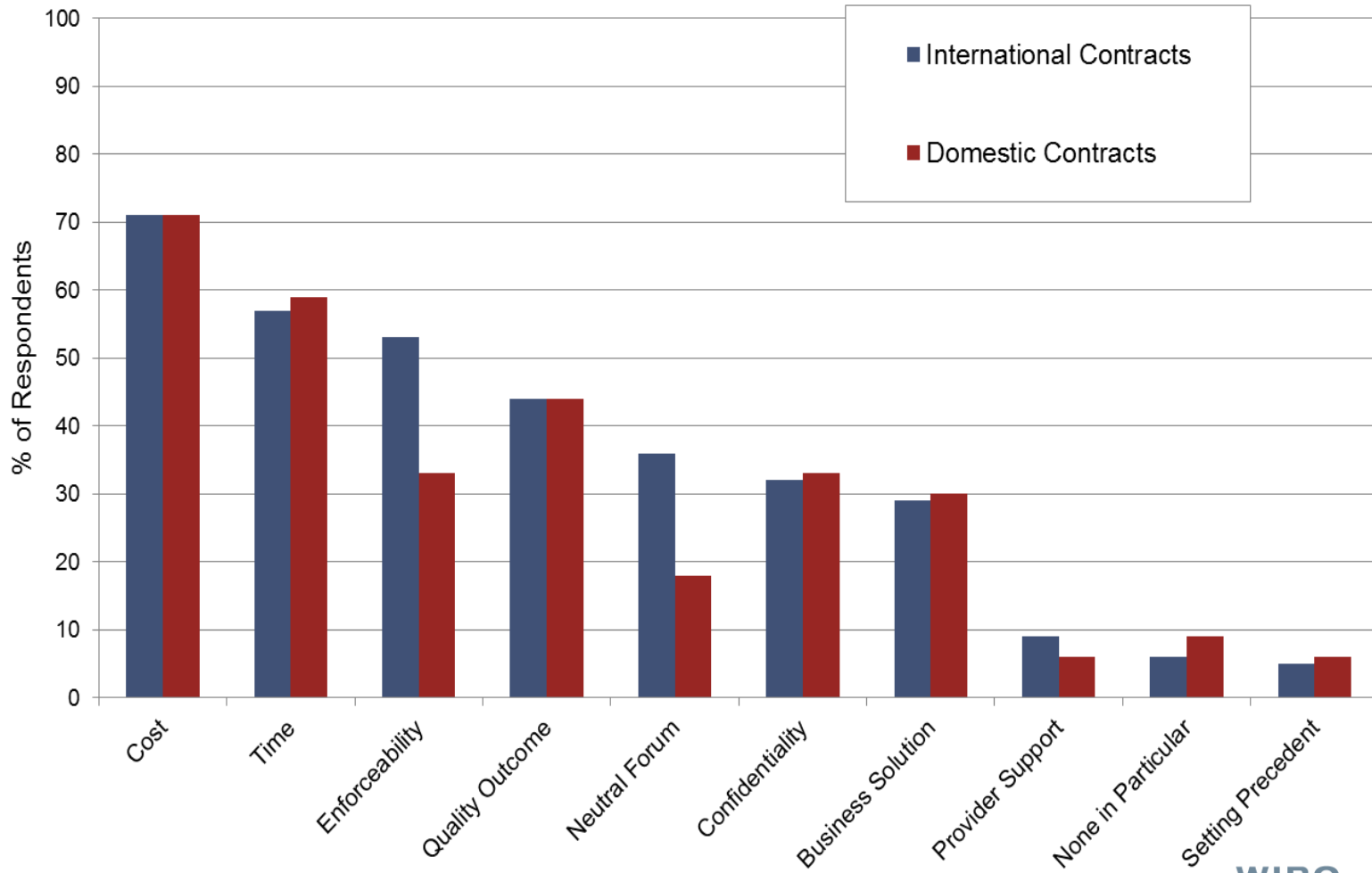
- consensual procedure
- parties submit a specific matter (e.g., technical question) to one or more experts
- determination on the matter
- binding unless parties have agreed otherwise

Relative Time and Cost



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

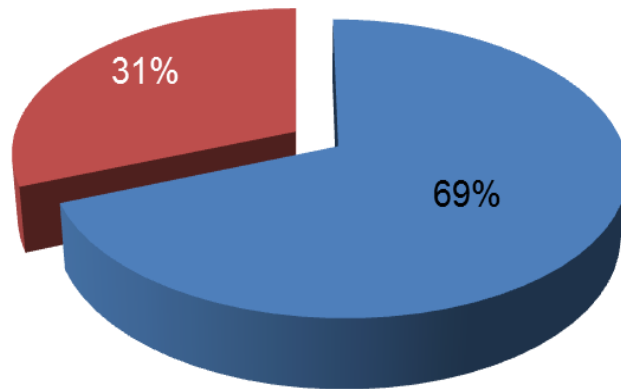
Top 10 Priorities



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

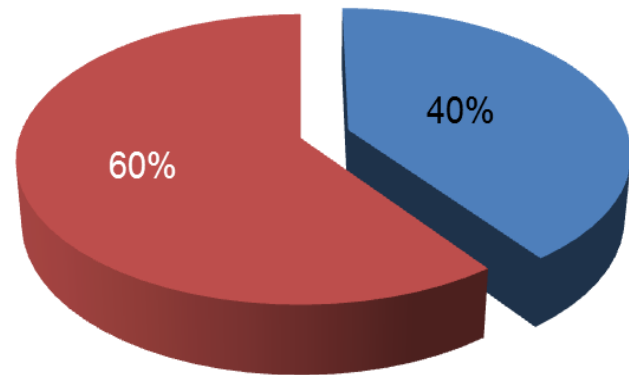
Mediation

■ Settlement ■ Non-Settlement

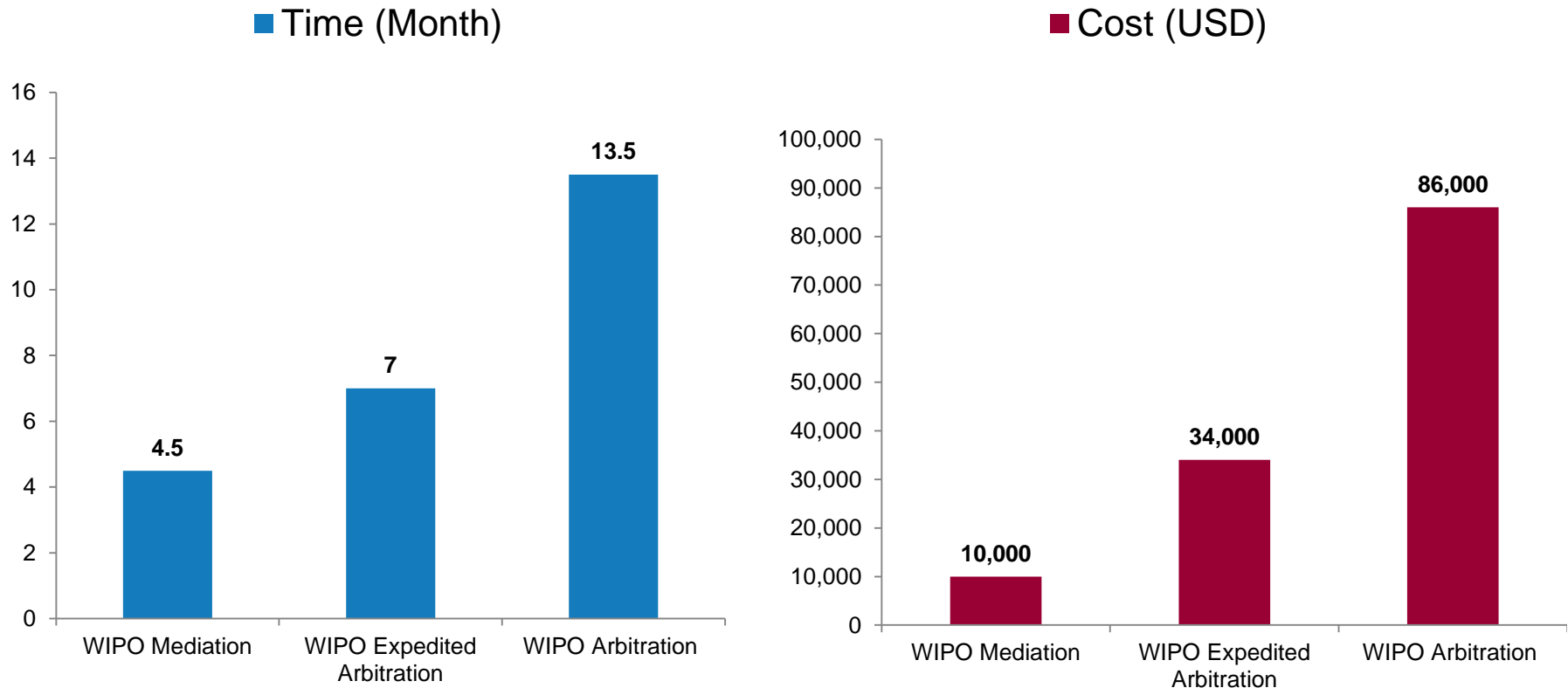


Arbitration

■ Settlement ■ Non-Settlement (Arbitral Award)



WIPO Cases: Typical Time and Cost



* Excluding cost of parties legal representation

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

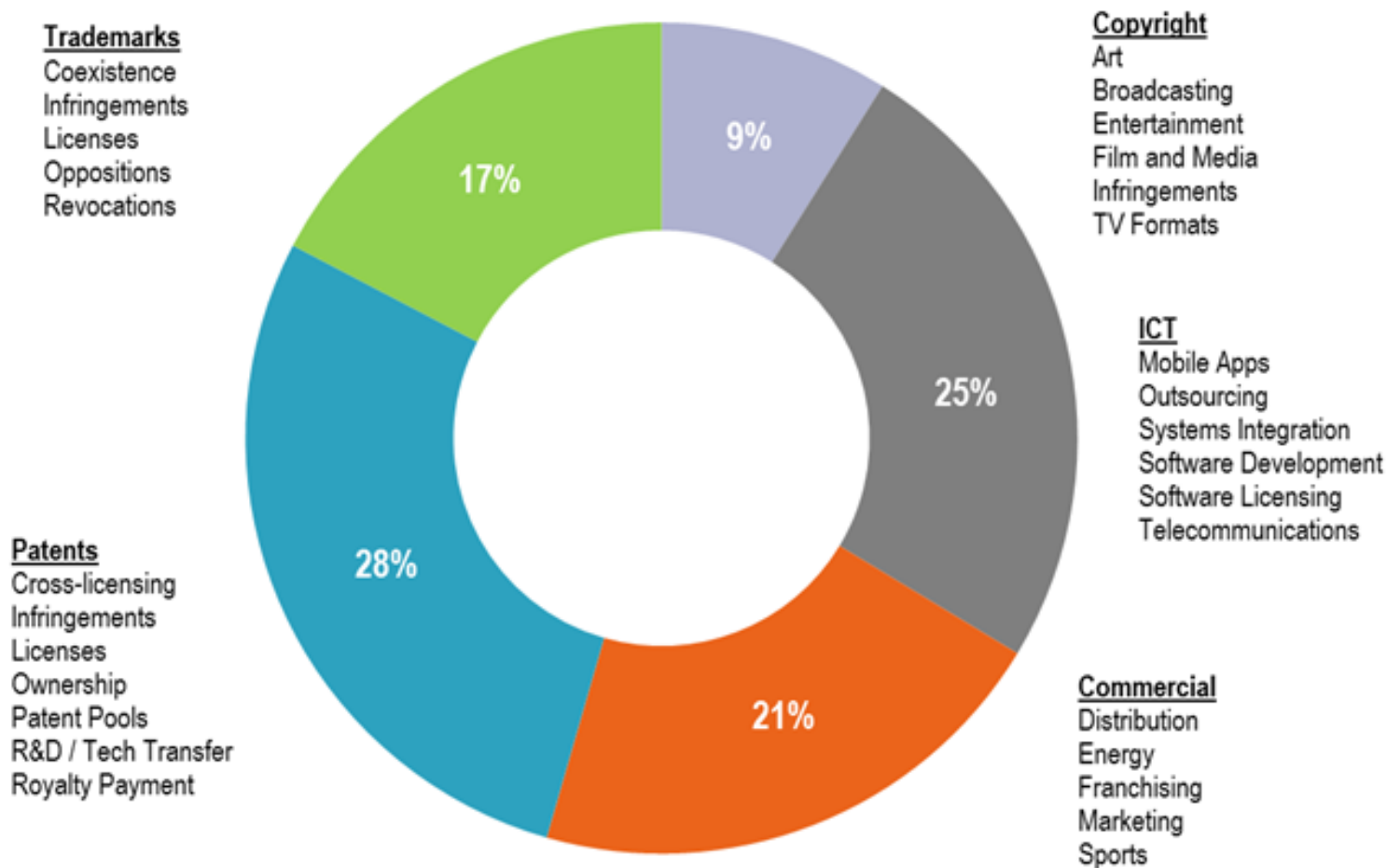
Arbitration / Expedited Arbitration

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



Cybersquatting

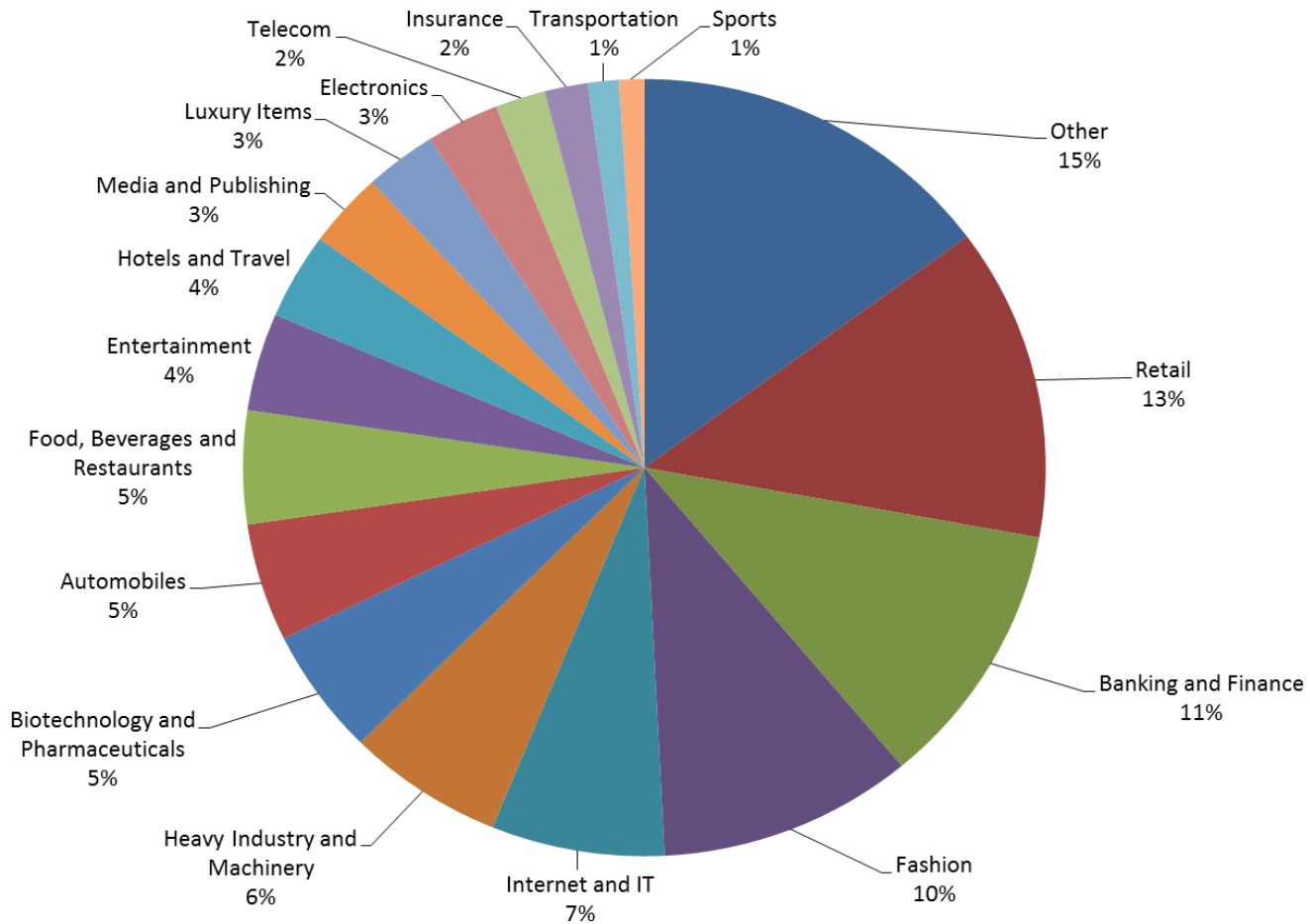


- WIPO operates the Uniform Domain Name Dispute Resolution Policy (UDRP)
- Allows trademark owners to file “clear cut” cases of abusive domain name registration and use without going to court
- Applicable to all international domains “old” (.com, .net, etc.) and “new” (.bike, .xyz, etc.)
- Also available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

The UDRP Test – Three Elements

- 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

Domain Name Dispute Filing

- 16 years experience
- the global leader in domain name dispute resolution
 - 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

- Clauses:
www.wipo.int/amc/en/clauses/









- Rules:
<http://www.wipo.int/amc/en/rules/>

- Case examples:
www.wipo.int/amc/

- WIPO domain name dispute resolution:
www.wipo.int/amc/en/domains/

GLOBAL IP PLATFORM

GLOBAL IP PLATFORM POC

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