



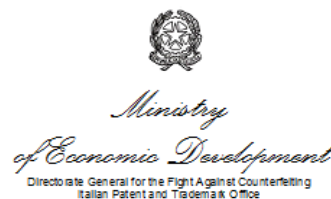
# Roving Seminar on WIPO Services and Initiatives

Organized by the World Intellectual Property Organization (WIPO)

In cooperation with

the Directorate General for the fight against Counterfeiting- Italian Patent and Trademark Office (UIBM), Ministry of Economic Development, Italy with the support of the

Chamber of Commerce, Industry Handicraft, and Agriculture of Bologna



CHAMBER OF COMMERCE  
INDUSTRY HANDICRAFT AND  
AGRICULTURE OF BOLOGNA





# Un'introduzione all'OMPI e ai suoi principali studi economici sulla proprietà intellettuale



Speaker: Ms. Francesca Toso  
Senior Advisor, Office of the Deputy Director General,  
WIPO

E-mail: [francesca.toso@wipo.int](mailto:francesca.toso@wipo.int)

Bologna, Italy  
October 19, 2016

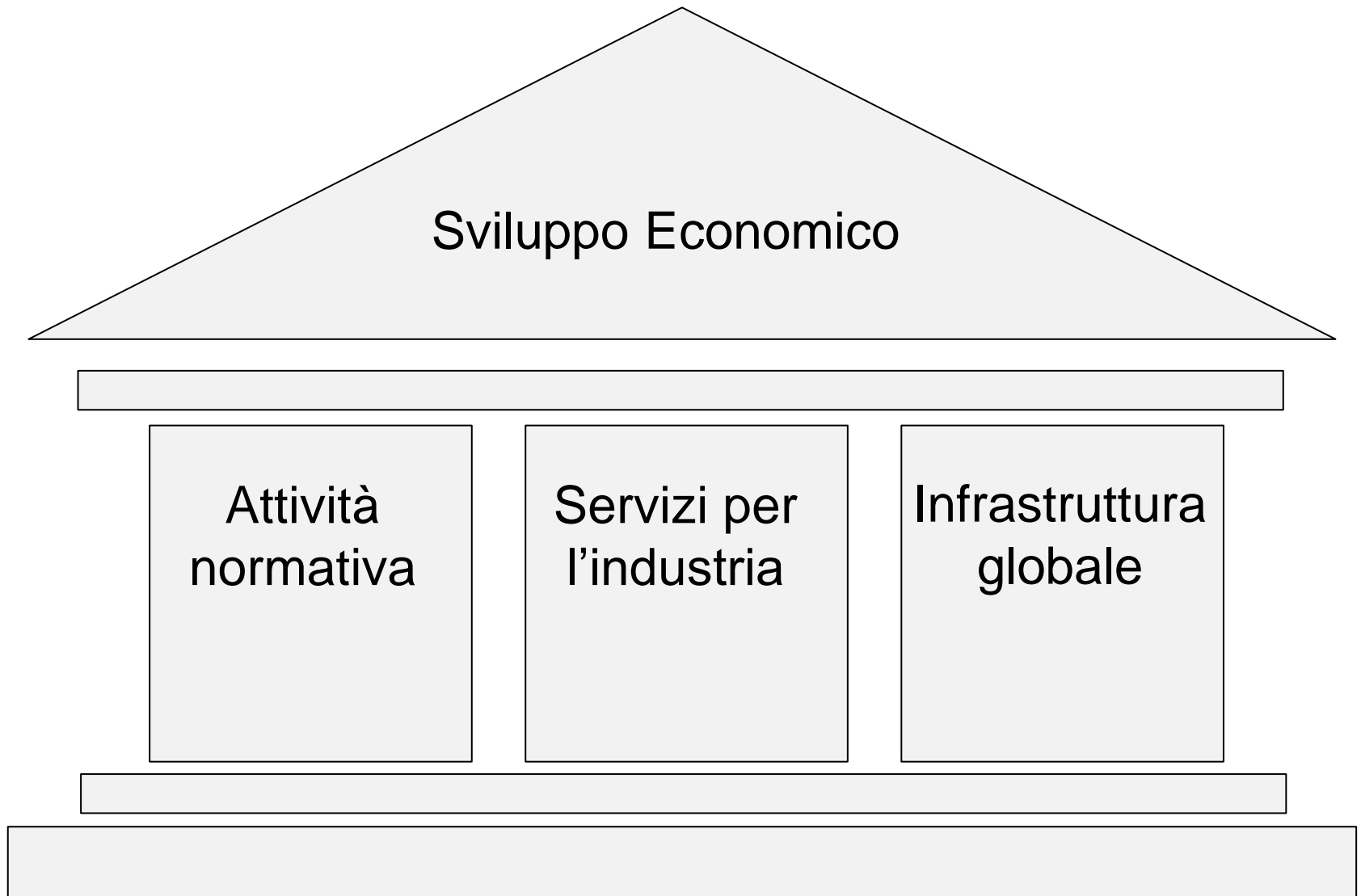


# WIPO



- **MISSIONE:** *Promuovere innovazione e creatività attraverso lo sviluppo di un sistema di proprietà intellettuale (PI) equilibrato ed efficace, a vantaggio di tutti.*
- **STATI MEMBRI:** 188
- **OSSERVATORI:** + 390 (ONG, OIG, gruppi industriali, etc.)
- **PERSONALE:** + 1200
- **TRATTATI AMMINISTRATI:** 26
- **PRINCIPALI ORGANI DIRETTIVI:** Assemblee Generali, CC, Conferenza WIPO

# Un'orientazione ai servizi e allo sviluppo

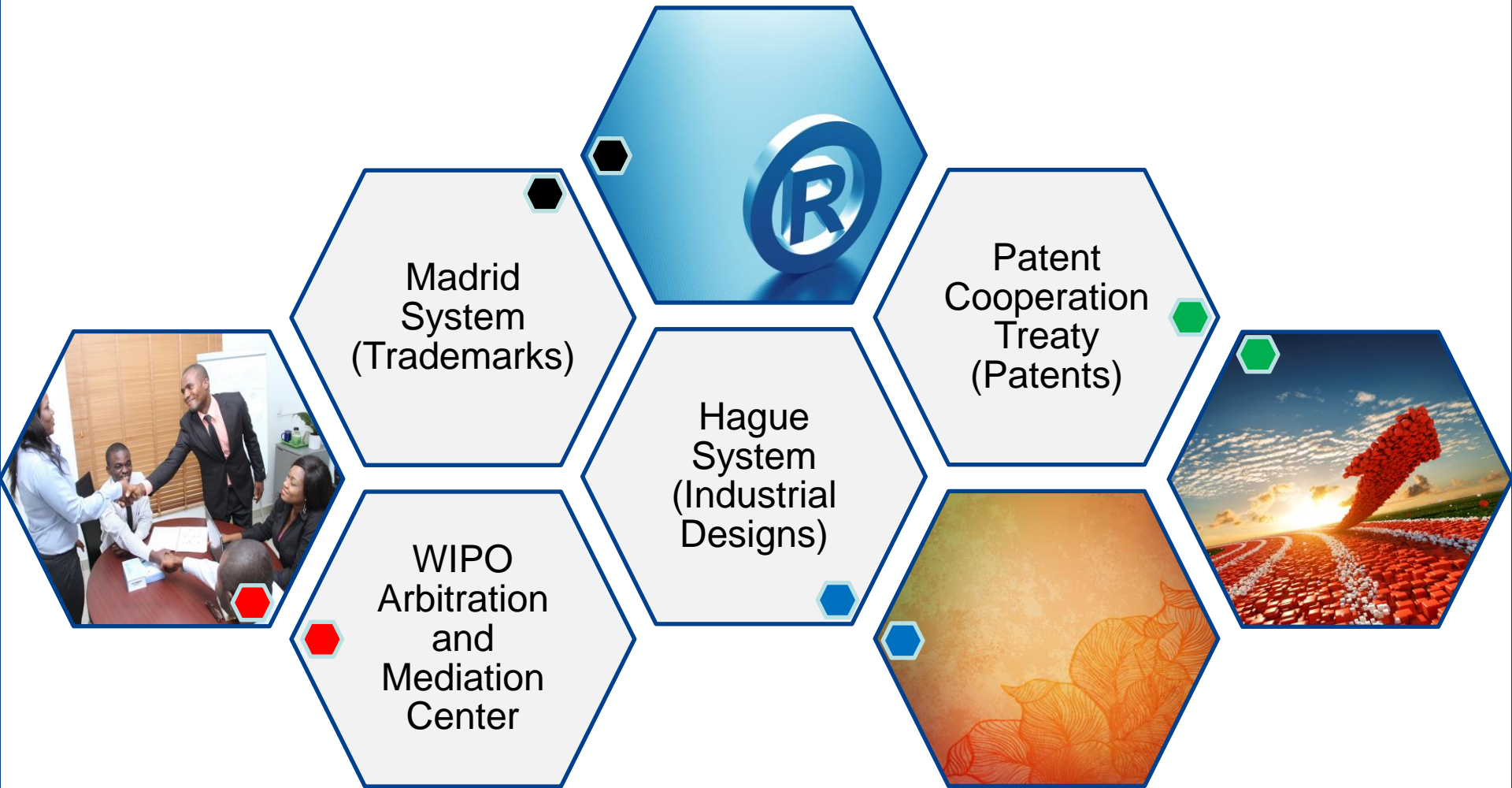




# PRESENZA DELL'OMPI NEL MONDO



# Servizi di punta a livello globale





# Infrastruttura globale per la PI

## Banche dati specializzate

- Banche dati, p.e. . Patentscope, Global Brand Database

## Piattaforme

- Piattaforme comuni per scambio dati fra Uffici PI: IPAS, DAS
- Altre piattaforme : WIPO GREEN, WIPO Re:Search

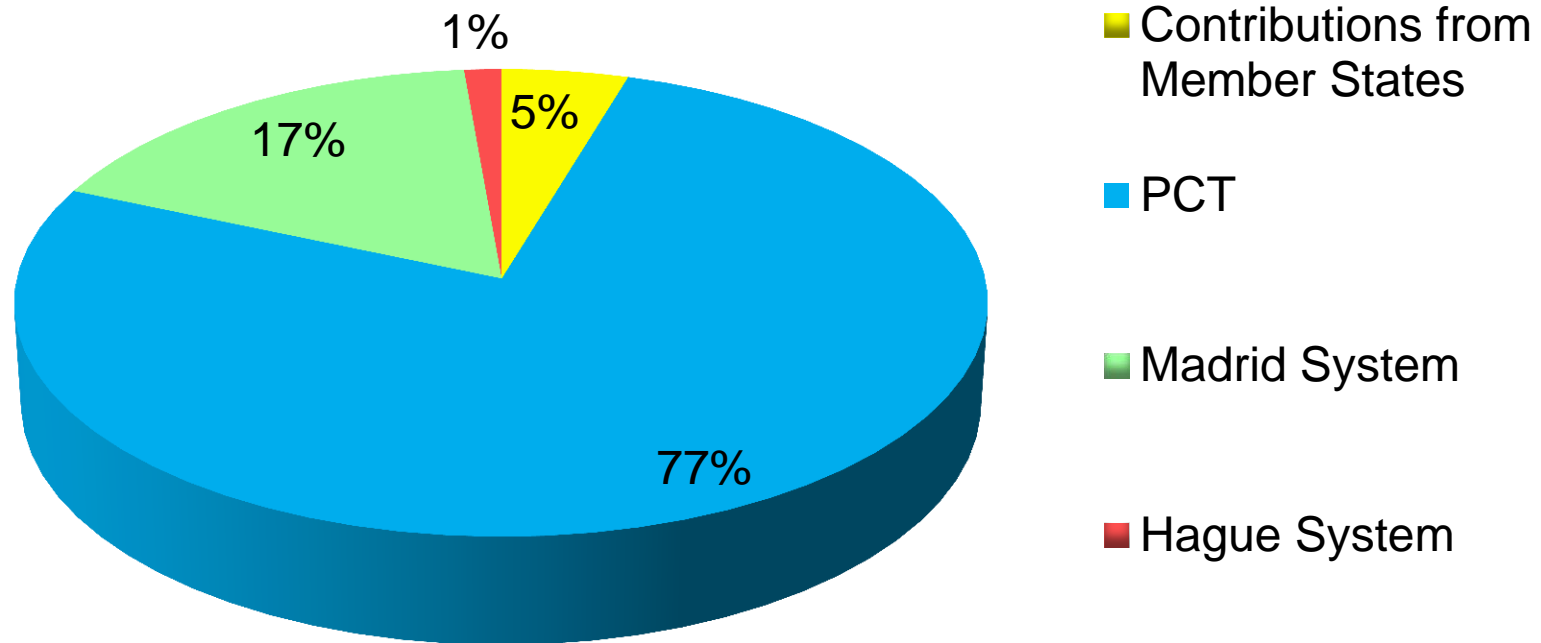
## Trattamento dell'informazione

- Classificazioni internazionali (organizzano il reperimento dati su brevetti, marchi e DI in strutture di facile accesso e uso)
- Standard di qualità (sistema comune di gestione dati contenuti in documenti di PI)

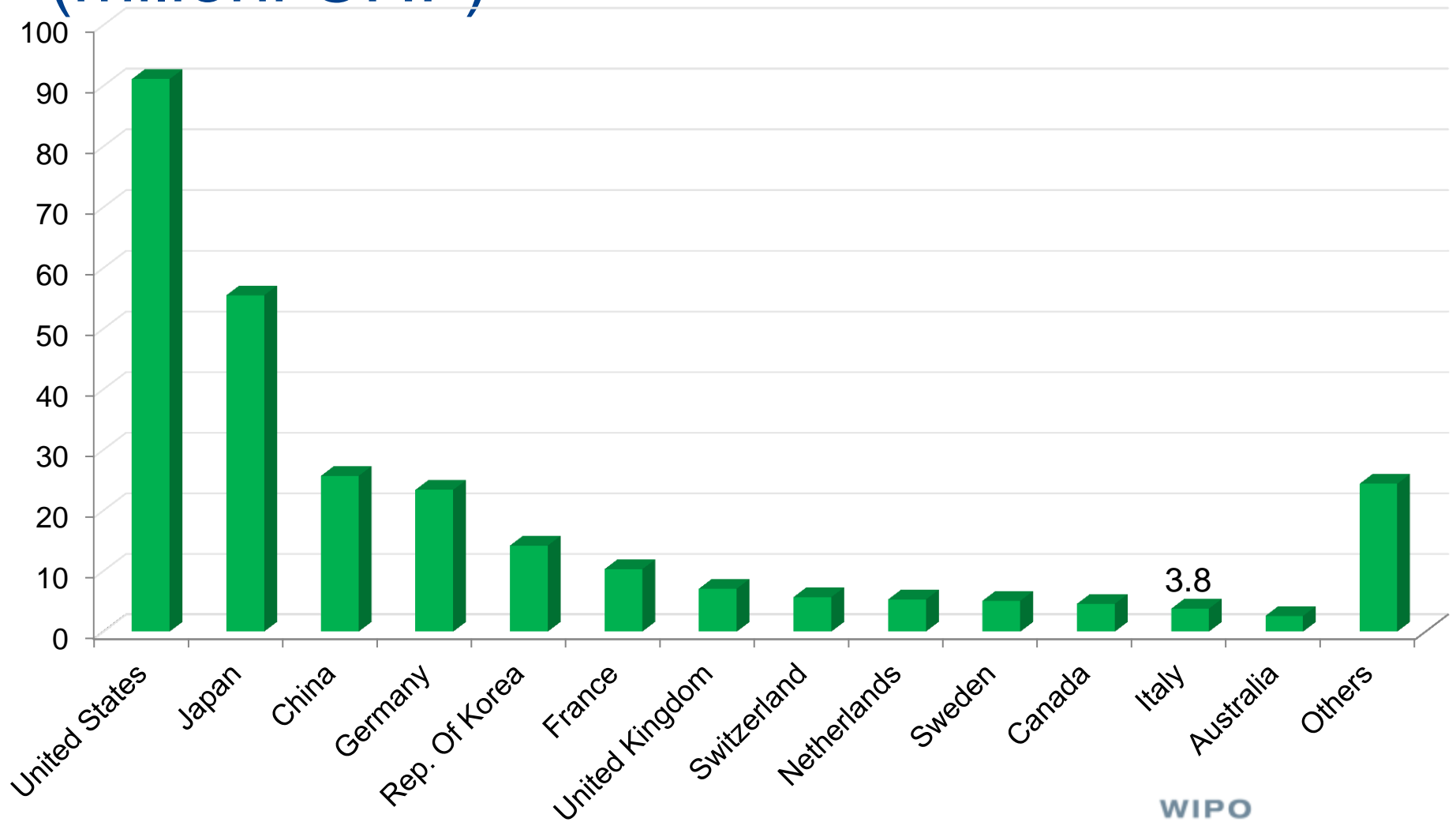


# Bilancio OMPI 2016 - 2017: 756,3 M. CHF

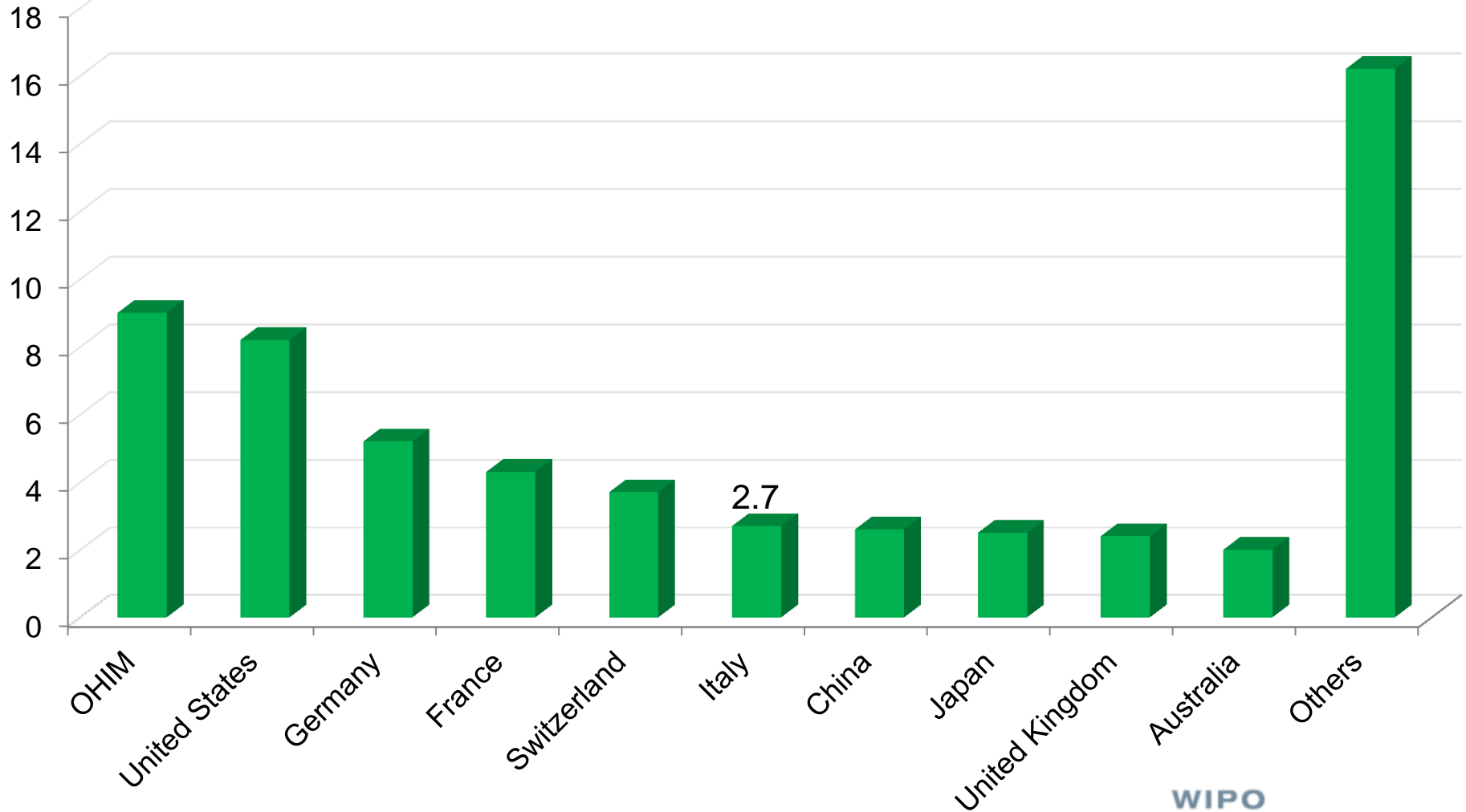
## Fonti di finanziamento



# Entrate PCT (brevetti) per paese nel 2014 (milioni CHF)



# Entrate Madrid (marchi) per paese nel 2014 (million CHF)





# Principali studi economici sulla PI

DIVISIONE DI ECONOMIA E DI STATISTICA – Riflette un consenso generale sull'importanza della dimensione economica della PI.

Analisi economica e statistica dell'uso dei servizi offerti dall'OMPI

Visione economica dell'OMPI sullo sviluppo della PI

World Intellectual  
Property Report

Statistics Series

Patent Cooperation Treaty  
Yearly Review

Statistics Series

Madrid  
Yearly Review

Statistics Series

Hague  
Yearly Review

Statistics Series

WIPO IP Facts  
and Figures

Statistics Series

World Intellectual  
Property Indicators

Economics & Statistics Series

- **World Intellectual Property Report (2015): Breakthrough Innovation and Economic Growth**
- **The PCT Yearly Review** provides an overview of the performance and development of the PCT system:  
<http://www.wipo.int/ipstats/en/statistics/pct/>
- **Madrid Yearly Review:**  
<http://www.wipo.int/ipstats/en>
- **Hague Yearly Review:**  
<http://www.wipo.int/ipstats/en/>
- **The WIPO IP Facts and Figures** provides an overview of IP activity based on the latest available year of statistics. It serves as a quick reference guide for statistics: <http://www.wipo.int/ipstats/en/>
- **World Intellectual Property Indicators (WIPI)** provides an overview of latest trends in IP filings and registrations covering more than 100 offices:  
<http://www.wipo.int/ipstats/en/wipi/index.html>
- **WIPO IP Statistics Data Center**  
<http://ipstatsdb.wipo.org/ipstatv2/ipstats/patentsSearch>

# Profilo paese





# Utilizzo servizi OMPI in Italia (2014)

3,058 domande



+6.6% (dal 2013)

Posizione: 12

Dalla 11 alla 12  
(dal 2013)

**PCT  
(Brevetti)**

2,742 registrazioni



-1.5% (dal 2013)

Posizione: 6

Dalla 5 alla 6  
(dal 2013)

**Sistema di Madrid  
(Marchi)**

197 registrazioni



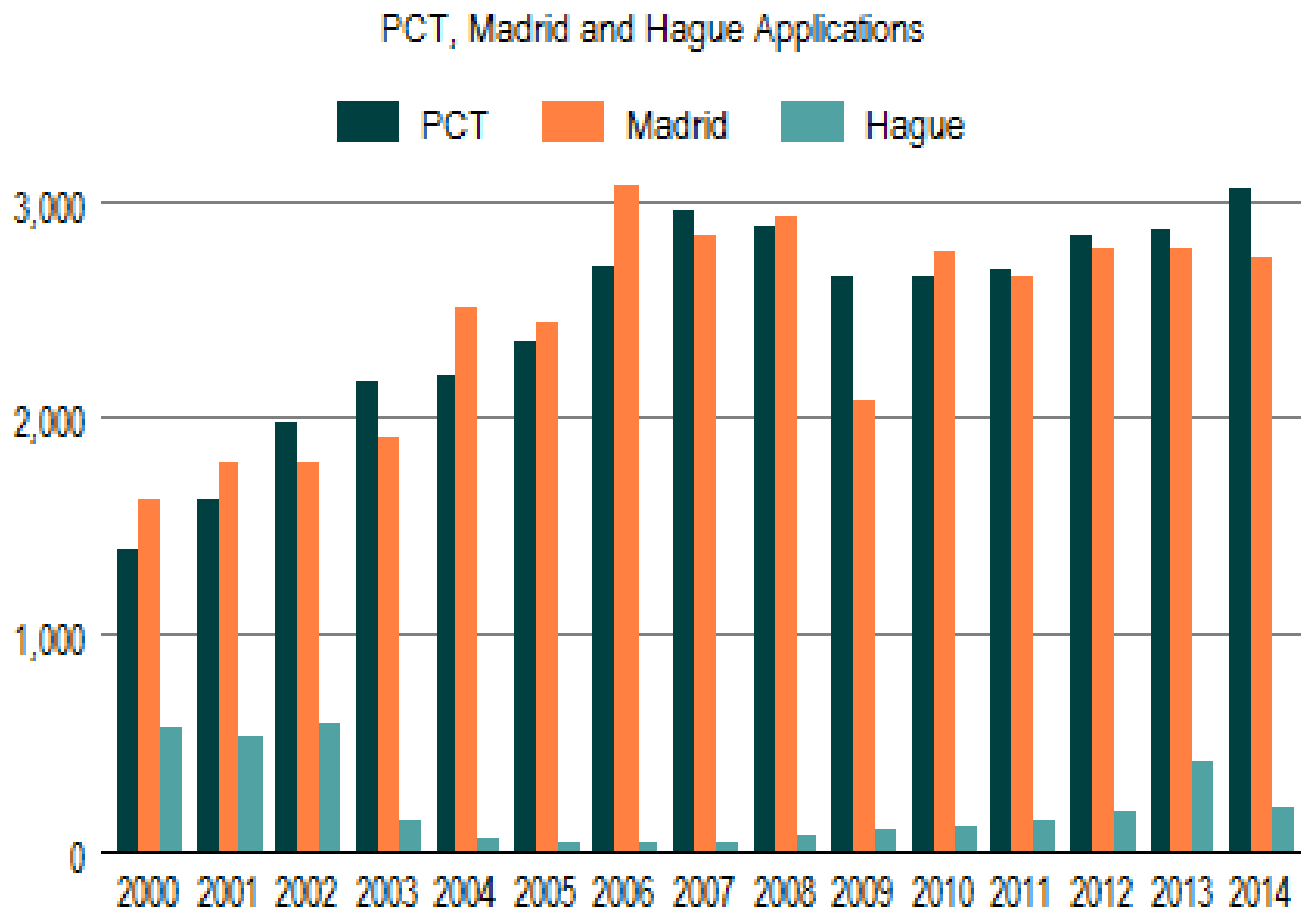
-53% (dal 2013)

Posizione: 5

Dall 4 alla 5  
(dal 2013)

**Sistema dell'Aia  
(Disegni Industriali)**

# Domande italiane attraverso servizi OMPI



Source: WIPO statistics database; last updated: 12/2015

# Principali utilizzatori sistema PCT (pubblicazione 2014)

<b>Richiedenti</b>	<b>Pubblicazione</b>	<b>Rank</b>
G.D SOCIETA' PER AZIONI	63	376
NUOVO PIGNONE SRL	51	455
PIRELLI TYRE S.P.A.	43	537
<b>CONSIGLIO NAZIONALE DELLE RICERCHE</b>	34	679
INDESIT COMPANY S.P.A.	32	734
ENI S.P.A.	27	868
BASELL POLIOLEFINE ITALIA S.R.L.	24	964
SOLVAY SPECIALTY POLYMERS ITALY S.P.A.	24	964
DANIELI & C. OFFICINE MECCANICHE S.P.A.	23	1009
<b>FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA</b>	20	1145

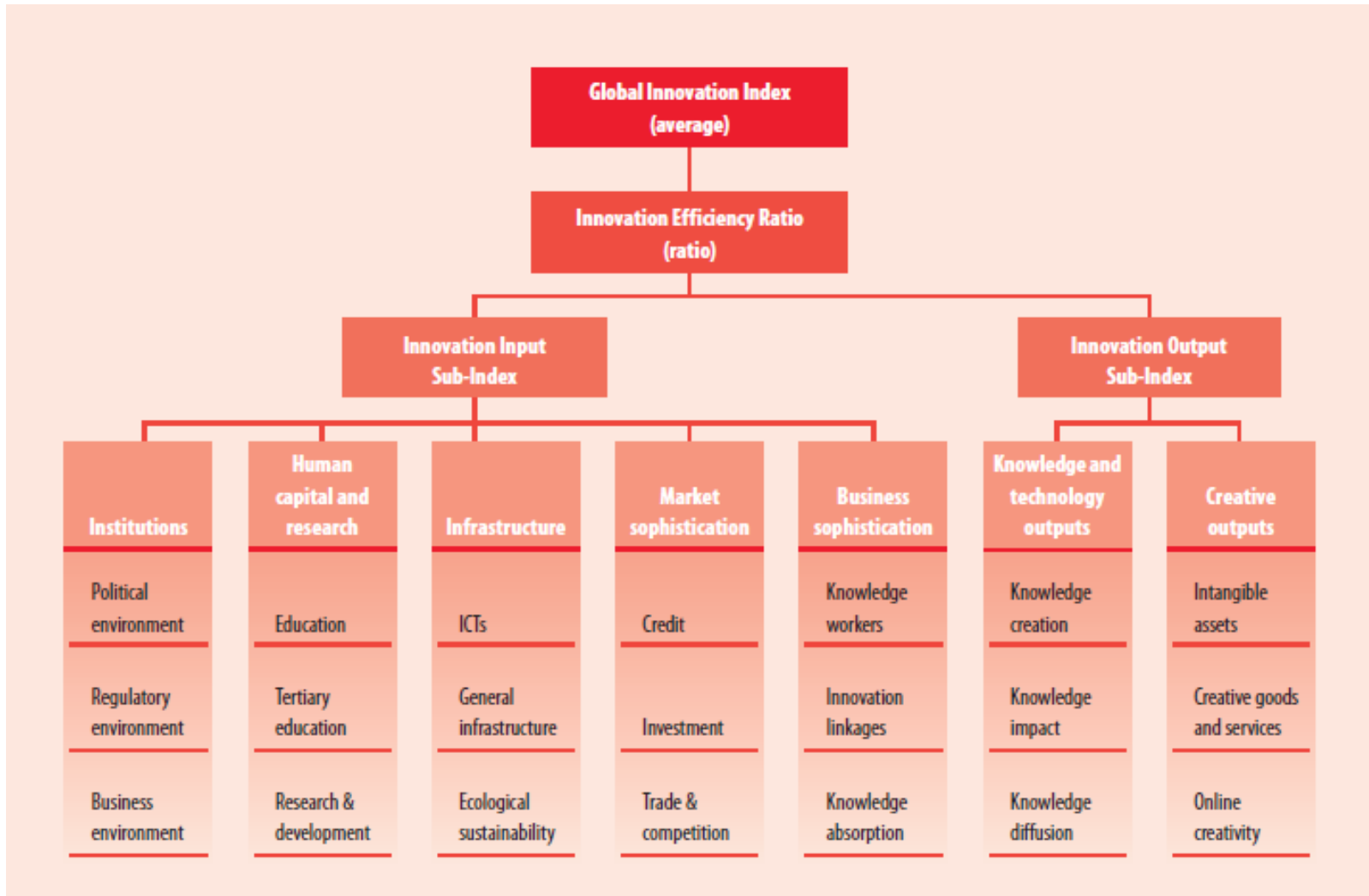


# Domande PCT pubblicate dalle prime 10 università italiane\*

Università	2010	2011	2012	2013	2014	2015
POLITECNICO DI MILANO	12	3	8	7	5	11
ALMA MATER STUDIORUM-UNIVERSITA DI BOLOGNA	7	7	2	8	7	10
POLITECNICO DI TORINO	3	7	11	9	9	6
UNIVERSITA DEGLI STUDI DI GENOVA	3		5	3	4	5
SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA	7	5	9	8	6	4
UNIVERSITA DEGLI STUDI DI MILANO-BICOCCA	2	3	8	3	5	4
UNIVERSITA DEGLI STUDI DI PADOVA	5	6	6	7	3	4
UNIVERSITA POLITECNICA DELLE MARCHE				3	2	4
UNIVERSITA DEGLI STUDI DI FIRENZE	3	4	1	2	3	3
UNIVERSITA DEGLI STUDI DI ROMA 'LA SAPIENZA'	7	9	5	7	11	3
UNIVERSITA DEGLI STUDI DI SIENA	2	4			2	3
<b>Total in Italy</b>	<b>105</b>	<b>87</b>	<b>104</b>	<b>106</b>	<b>101</b>	<b>83</b>

\* University and PRO patents are not automatically identified in patent data – that keyword searches need to be applied, with potential institutions missed

# Struttura e criteri del *Global Innovation Index* (GII)



# GII Rankings

## RANKING 2015

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

**31. ITALY**

## RANKING 2016

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

**29. ITALY**

# L'Italia nel GII 2016

- Tra i 30 paesi con più innovazione

- La spesa nazionale lorda per R&S e la spesa del settore privato per R&S non è diminuita durante la crisi:

	2008	2009	2010	2011	2012	2013	2014
GERD	100	102	104	107	112	114	114
BERD	100	102	105	109	113	117	118

- Rapporto di Efficienza: dalla posizione 57 nel 2015 alla **33** nel 2016.

- Qualità dell'innovazione: posizione 16 tra i paesi ad alto reddito (su 49 in totale) /  
posizione 16 in assoluto (su 128 paesi).

- Punti forza: 2 pilastri di *input* (Infrastruttura e Sviluppo dei mercati )  
1 pilastro di *output* (Conoscenza e Tecnologia)

# L'Italia nel GII

## Punti forti

- 3. Infrastructure (18th)
- 3.3. Ecological sustainability (2nd)
- 3.3.3 ISO 14001 environmental certificates (5th)
- 4.2.3 Total value of stocks traded (13th)
- 4.3. Trade, competition, & market scale (7th)
- 4.3.3 Domestic market scale (12th)
- 5.2.2 State of cluster development (4th)
- 6.1.5 Citable documents H index (7th)
- 6.2. Knowledge impact (14th)
- 6.2.4 ISO 9001 quality certificates (1st)
- 7.1.2 Industrial designs by origin (2nd)
- 7.3.3 Wikipedia monthly edits (13th)

## Punti deboli

- 1.3.3 Ease of paying taxes (95th)
- 2.1.1 Expenditure on education (80th)
- 3.2.3 Gross capital formation (109th)
- 4.1.1 Ease of getting credit (81st)
- 4.2.2 Market capitalization (62nd)
- 5.1.5 Females employed with advanced degrees (60th)
- 5.2.4 Joint venture/strategic alliance deals (45th)
- 5.3.4 Foreign direct investment net inflows (111th)
- 6.2.1 Growth rate of GDP per person engaged (97th)
- 7.1.4 ICTs and organizational model creation (82nd)





JOHNSON  
Cornell University

INSEAD

The Business School  
for the World®



# The Global Innovation Index 2016

Winning with Global Innovation



Confederation of Indian Industry



[http://www.wipo.int/edocs/pubdocs/en/wipo\\_pub\\_gii\\_2016.pdf](http://www.wipo.int/edocs/pubdocs/en/wipo_pub_gii_2016.pdf)

230

Italy

Key Indicators		Investment			
Population (millions)	59.8	4.21	Ease of protecting minority investors*	40.8	45
GDP (US\$ billions)	1,815.8	4.22	Market capitalization, % GDP*	21.8	62
GDP per capita, PPP	30,706.3	4.23	Total value of stocks traded, % GDP*	59.9	13
Income group	High income	4.24	Venture capital deal/yrn PPP\$ GDP	0.0	36
Region	Europe	4.3	Trade, competition, & market scale	80.2	7
		4.31	Applied tariff rate, weighted mean, %	1.0	9
		4.32	Intensity of local competition†	71.0	31
		4.33	Domestic market scale, bn PPP\$	21,534	12
		5	Business sophistication	37.8	36
		5.1	Knowledge worker†	65.0	44
		5.11	Knowledge-intensive employment, %	35.6	36
		5.12	Firms offering formal training, % firms	n/a	n/a
		5.13	GERD performed by business, % of GDP	0.7	25
		5.14	GERD financed by business, %	43.2	28
		5.15	Females employed w/advanced degrees, % total	11.1	60
		5.2	Innovation linkages	37.8	38
		5.21	University/industry research collaboration†	49.5	57
		5.22	State of cluster development†	74.3	4
		5.23	GERD financed by abroad, %	9.7	45
		5.24	JV-strategic alliance deal/yrn PPP\$ GDP	0.0	45
		5.25	Patent families 2+ office/yrn PPP\$ GDP	1.7	23
		5.3	Knowledge absorption	30.6	53
		5.31	Intellectual property payments, % total trade	0.9	34
		5.32	High-tech imports less re-exports, % total trade	7.4	64
		5.33	ICT services imports, % total trade	1.7	28
		5.34	FDI net inflows, % GDP	4.0	11
		5.35	Research talent, % in business enterprise	38.3	32
		6	Knowledge & technology outputs	38.7	25
		6.1	Knowledge creation	31.0	37
		6.11	Patents by origin/yrn PPP\$ GDP	5.7	22
		6.12	PCT patent applications/yrn PPP\$ GDP	1.4	26
		6.13	Utility models by origin/yrn PPP\$ GDP	1.1	23
		6.14	Scientific & technical articles/yrn PPP\$ GDP	27.3	28
		6.15	Citable documents H index	713.0	7
		6.2	Knowledge impact	52.3	14
		6.21	Growth rate of PPP\$ GDP/worker, %	0.5	97
		6.22	New businesses/yr pop. 15-64	2.3	44
		6.23	Computer software spending, % GDP	0.6	16
		6.24	ISO 9001 quality certification/yrn PPP\$ GDP	79.1	1
		6.25	High- & medium-high-tech manufactures, %	37.6	25
		6.3	Knowledge diffusion	30.0	40
		6.31	Intellectual property receipts, % total trade	0.6	19
		6.32	High-tech exports less re-exports, % total trade	5.5	31
		6.33	ICT services exports, % total trade	1.4	69
		6.34	FDI net outflows, % GDP	-1.2	40
		7	Creative outputs	41.8	32
		7.1	Intangible assets	51.8	28
		7.11	Trademarks by origin/yrn PPP\$ GDP	49.8	46
		7.12	Industrial designs by origin/yrn PPP\$ GDP	18.5	1
		7.13	ICMs & business model creation†	36.7	70
		7.14	ICMs & organizational model creation†	47.4	82
		7.2	Creative goods & services	20.4	45
		7.21	Cultural & creative services exports, % of total trade	0.3	35
		7.22	National feature film/yrn pop. 15-69	4.0	40
		7.23	Global art & media market/yr pop. 15-69	27.8	24
		7.24	Printing & publishing manufactures, %	1.3	44
		7.25	Creative goods exports, % total trade	2.3	21
		7.3	Online creativity	34.2	28
		7.31	Generic top-level domains (TLDs)/yr pop. 15-69	24.4	25
		7.32	Country-code TLDs/yr pop. 15-69	24.5	26
		7.33	Wikipedia active/yrn pop. 15-69	7,669.6	13
		7.34	Video uploads on YouTube/yr pop. 15-69	32.1	38

NOTES: ● Indicates a strength, ○ a weakness, \* an index, † a survey question.  
 ● indicates that the country's data are older than the base year; see Appendix II for details, including the year of the data.  
 Square brackets indicate a top 10 or 100 or below sub-pillar ranking in the presence of a relevant number of missing variables; see page 172 of this appendix for details.

THE GLOBAL INNOVATION INDEX 2016

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



E-mail: [Francesca.Toso@wipo.int](mailto:Francesca.Toso@wipo.int)







# The Patent Cooperation Treaty (PCT) and its advantages for business

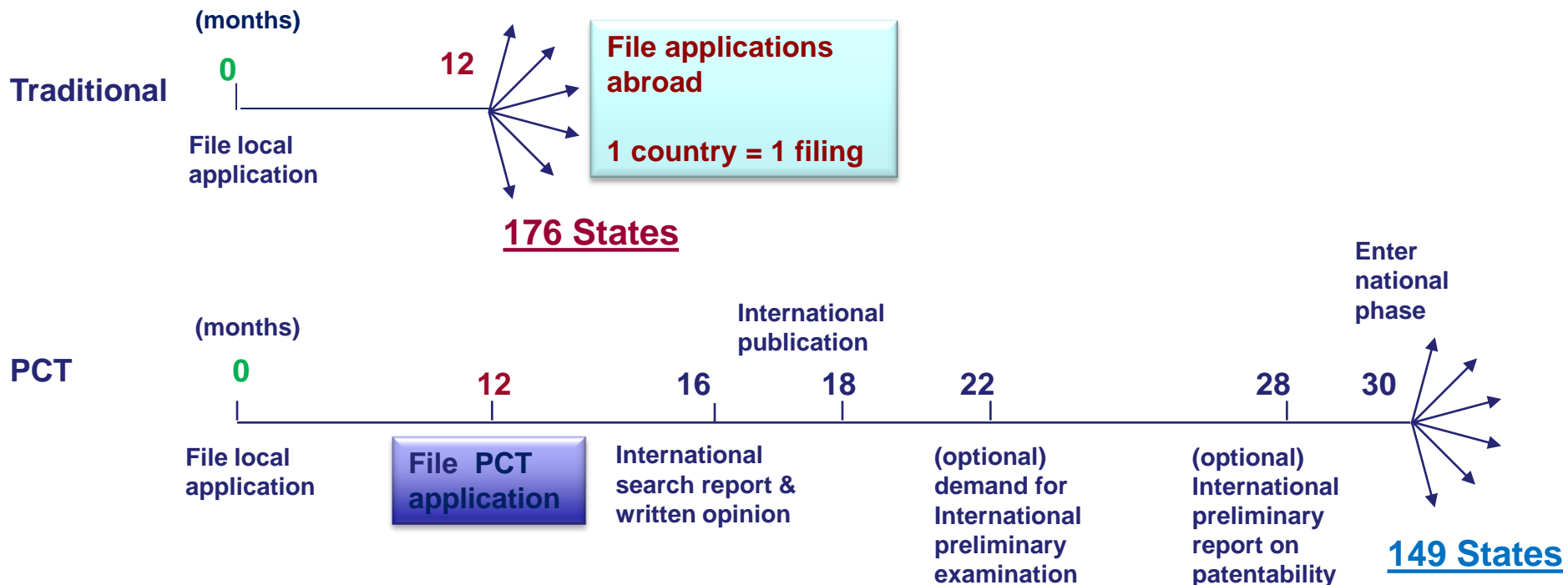


Speaker:

Christine Bonvallet, Senior Legal Officer,  
PCT Legal Division

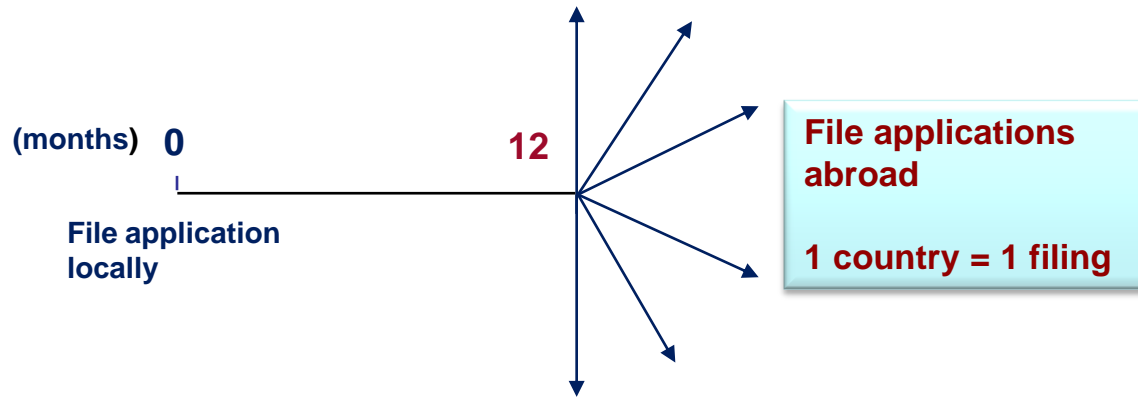
Bologna, October 19, 2016

# Seeking patents multinationally: traditional patent system ("Paris Route") vs. PCT system



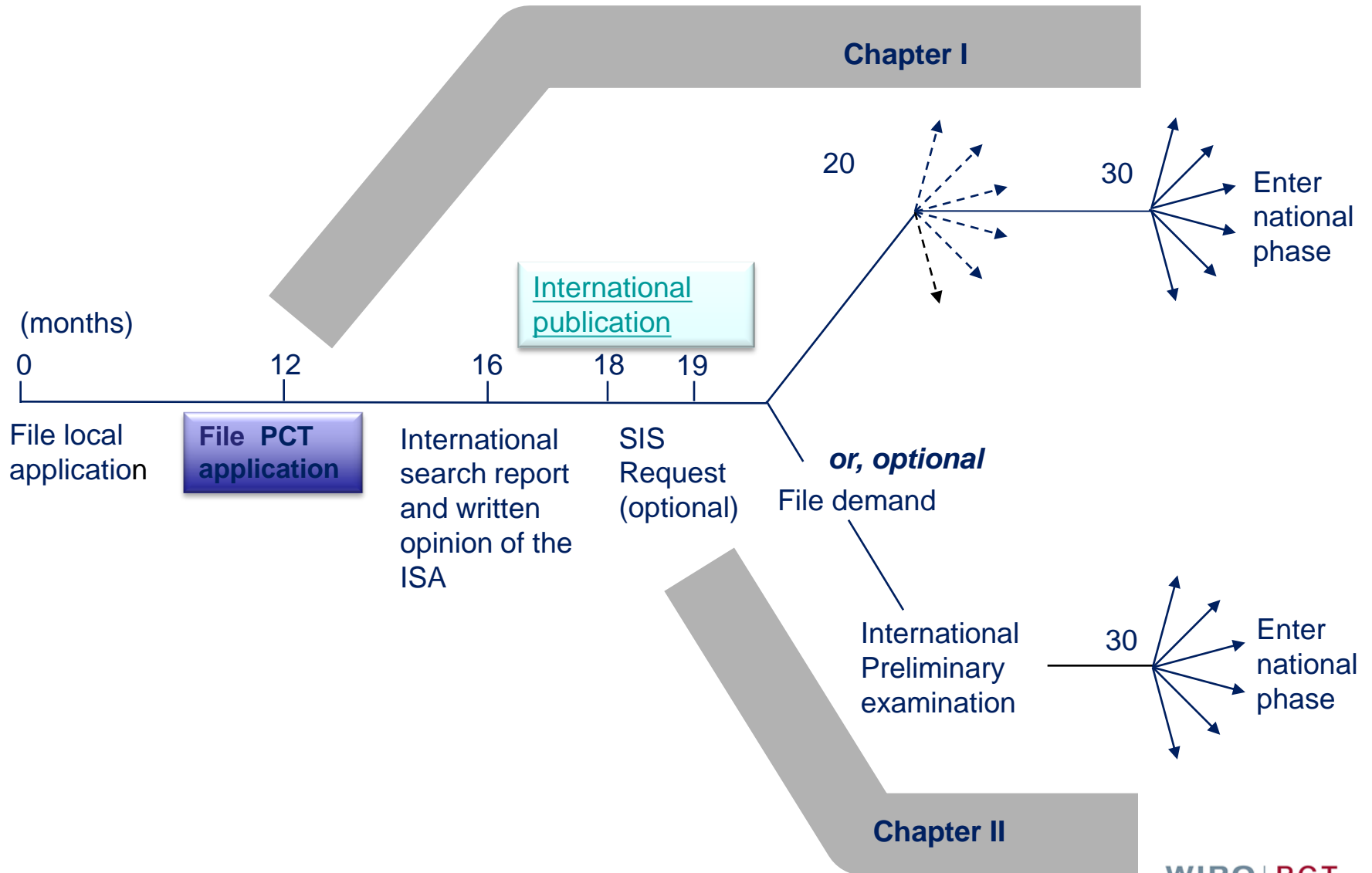


# Traditional patent system: “Paris Route”

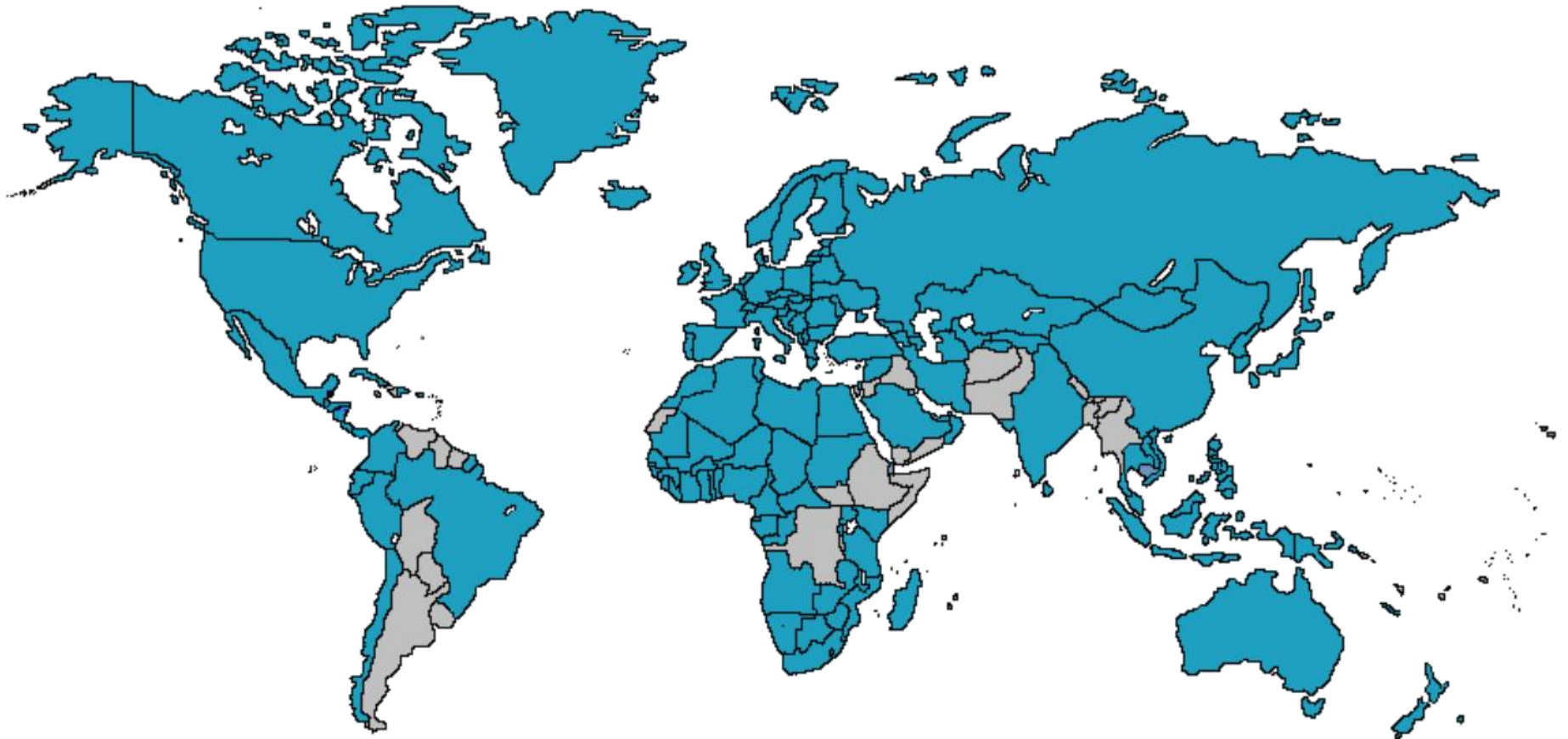


- Local patent application followed within 12 months by multiple foreign applications claiming priority under Paris Convention:
  - multiple formality requirements
  - multiple searches
  - multiple publications
  - multiple examinations and prosecutions of applications
  - translations and national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

# The PCT system



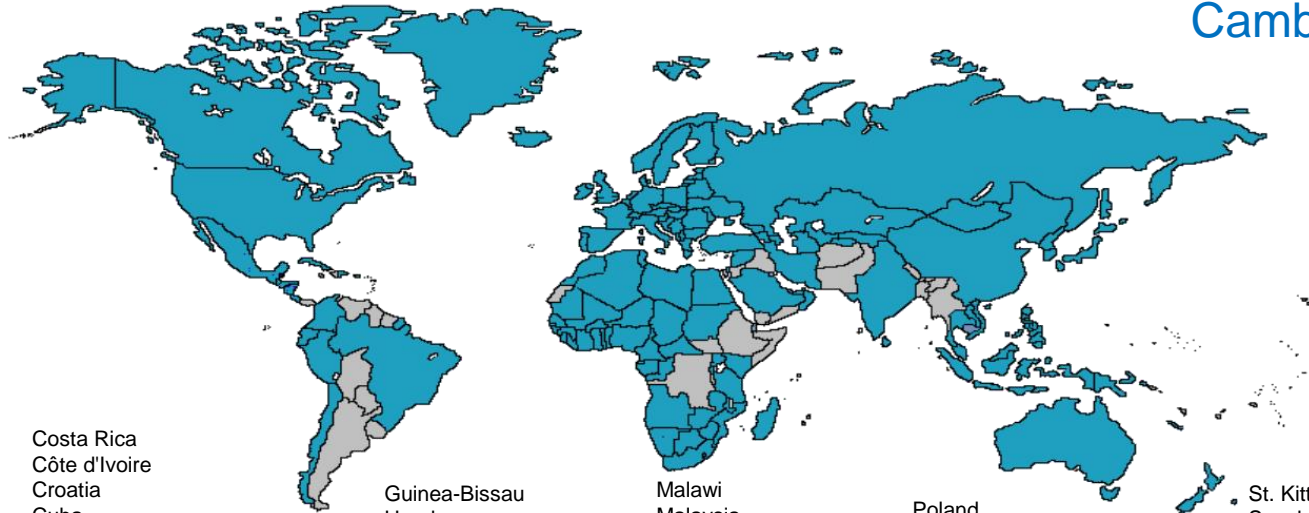
# PCT Coverage Today



# 151 PCT States

Recent accessions:

Kuwait  
Djibouti  
Cambodia



Albania  
Algeria  
Angola  
Antigua and Barbuda  
Armenia  
Australia  
Austria  
Azerbaijan  
Bahrain  
Barbados  
Belarus  
Belgium  
Belize  
Benin  
Bosnia and Herzegovina  
Botswana  
Brazil  
Brunei Darussalam  
Bulgaria  
Burkina Faso  
Cambodia (8 Dec. '16)  
Cameroon  
Canada  
Central African Republic  
Chad  
Chile  
China  
Colombia  
Comoros  
Congo

Costa Rica  
Côte d'Ivoire  
Croatia  
Cuba  
Cyprus  
Czech Republic  
Democratic People's  
Republic of Korea  
Denmark  
Djibouti  
Dominica  
Dominican Republic  
Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
Estonia  
Finland  
France  
Gabon  
Gambia  
Georgia  
Germany  
Ghana  
Greece  
Grenada  
Guatemala  
Guinea

Guinea-Bissau  
Honduras  
Hungary  
Iceland  
India  
Indonesia  
Iran (Islamic Republic of)  
Ireland  
Israel  
Italy  
Japan  
Kazakhstan  
Kenya  
Kuwait  
Kyrgyzstan  
Lao People's Dem Rep.  
Latvia  
Lesotho  
Liberia  
Libyan Arab Jamahiriya  
Liechtenstein  
Lithuania  
Luxembourg  
Madagascar

Malawi  
Malaysia  
Mali  
Malta  
Mauritania  
Mexico  
Monaco  
Mongolia  
Montenegro  
Morocco  
Mozambique  
Namibia  
Netherlands  
New Zealand  
Nicaragua  
Niger  
Nigeria  
Norway  
Oman  
Panama  
Papua New Guinea  
Peru  
Philippines

Poland  
Portugal  
Qatar  
Republic of Korea  
Republic of Moldova  
Romania  
Rwanda  
Russian Federation  
Saint Lucia  
Saint Vincent and  
the Grenadines  
San Marino  
Sao Tomé e Príncipe  
Saudi Arabia  
Senegal  
Serbia  
Seychelles  
Sierra Leone  
Singapore  
Slovakia  
Slovenia  
South Africa  
Spain  
Sri Lanka  
Sudan  
Swaziland

St. Kitts and Nevis  
Sweden  
Switzerland  
Syrian Arab Republic  
Tajikistan  
Thailand  
The former Yugoslav  
Republic of Macedonia  
Togo  
Trinidad and Tobago  
Tunisia  
Turkey  
Turkmenistan  
Uganda  
Ukraine  
United Arab Emirates  
United Kingdom  
United Republic of Tanzania  
United States of America  
Uzbekistan  
Viet Nam  
Zambia  
Zimbabwe

# UN Member States not yet in PCT

Afghanistan

Andorra\*

Argentina\*\*

Bahamas

Bangladesh

Bhutan

Bolivia

Burundi

Cape Verde

Democratic Republic of

Congo

Eritrea

Ethiopia

Fiji

Guyana

Haiti

Iraq

Jamaica

Jordan\*

Kiribati

Lebanon

Maldives

Marshall Islands

Mauritius

Micronesia

Myanmar

Nauru

Nepal

Pakistan

Palau

Paraguay\*\*

Samoa

Solomon Islands

Somalia

South Sudan

Suriname\*

Timor-Leste

Tonga

Tuvalu

Uruguay\*\*

Vanuatu

Venezuela

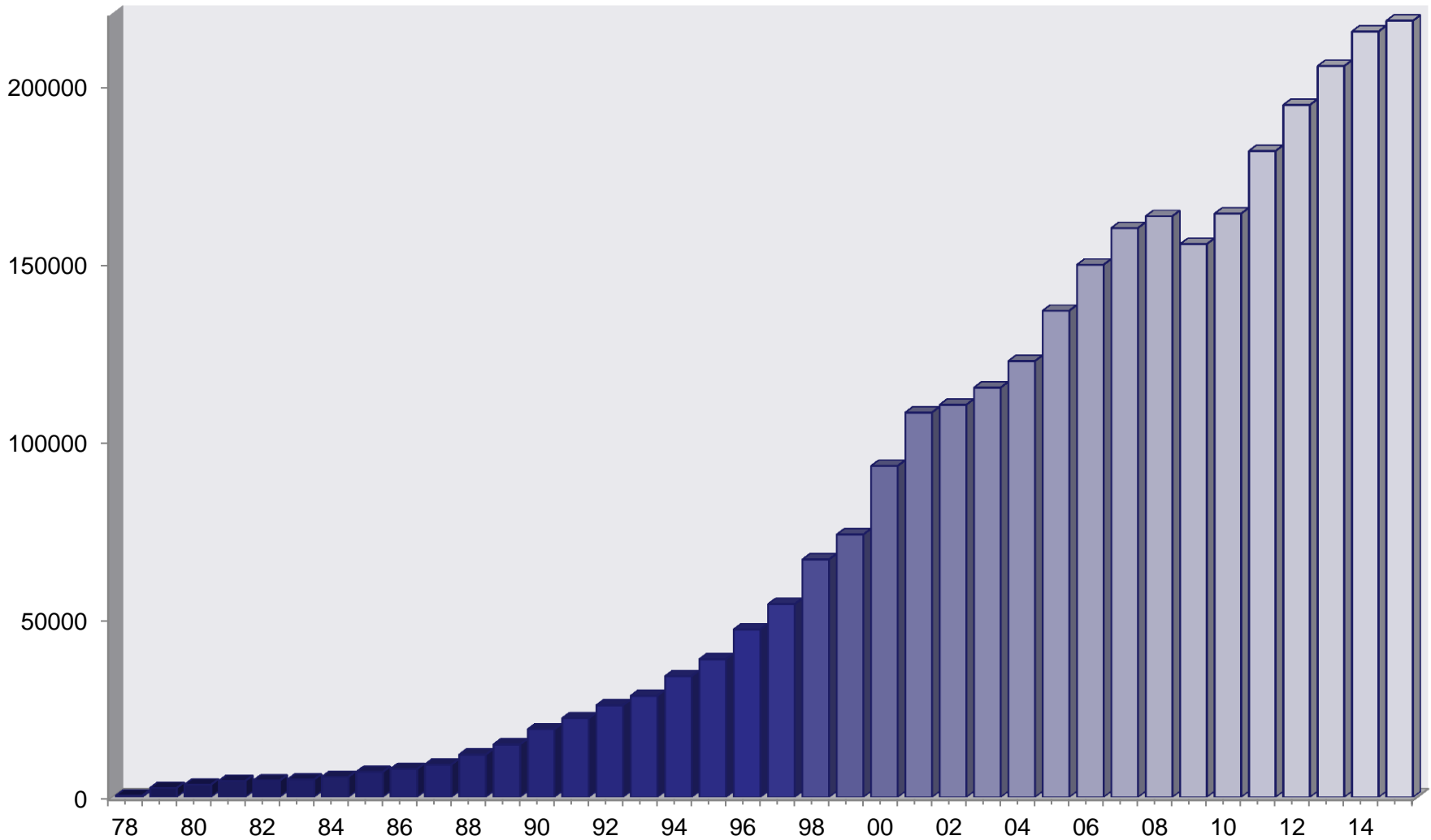
Yemen

(42)

*\*preparing to accede*

*\*\*PCT discussions ongoing*

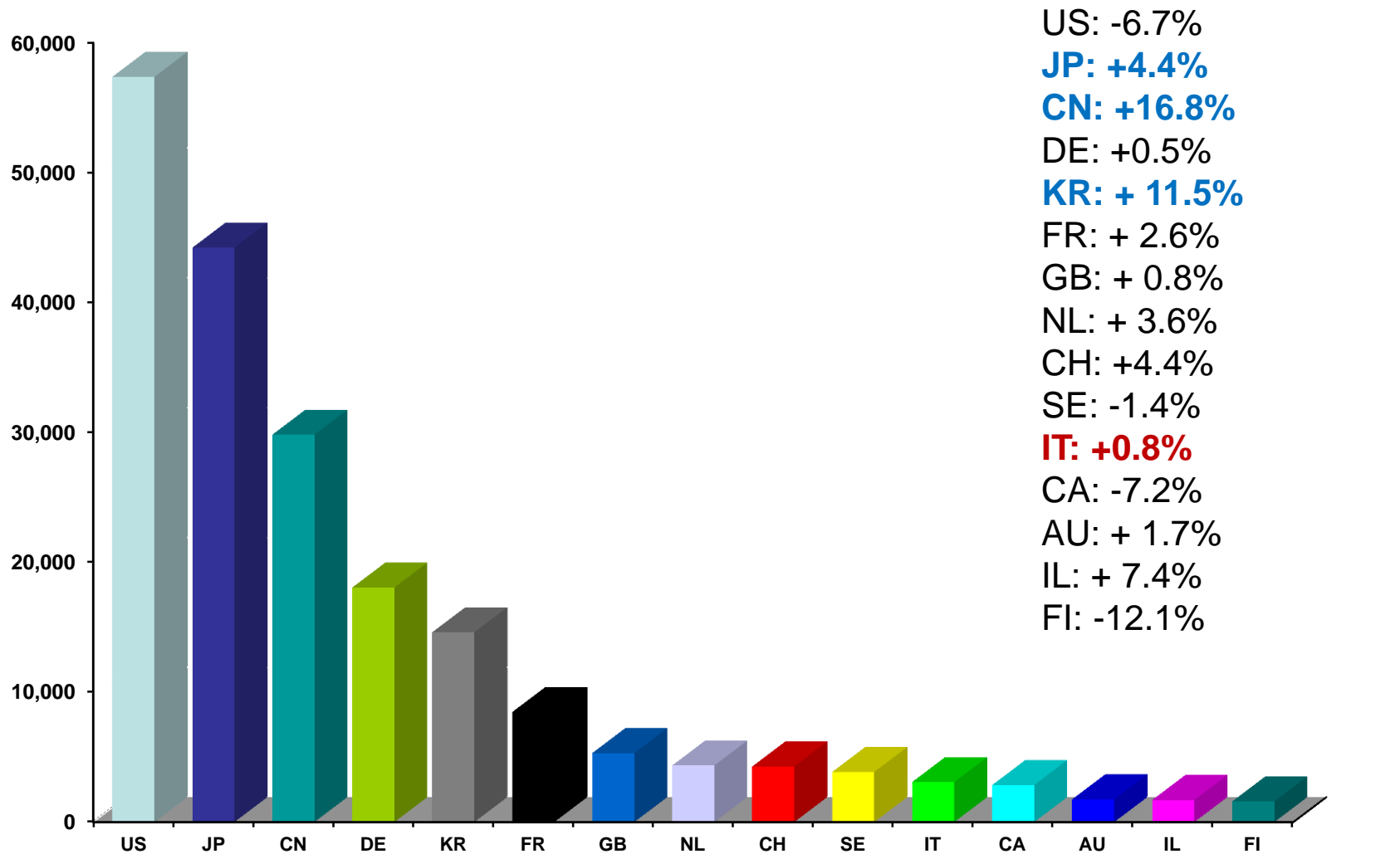
# PCT Applications



- 2015: 218,000 (+1.7%)
- WIPO Chief Economist predicting +3.3% in 2016

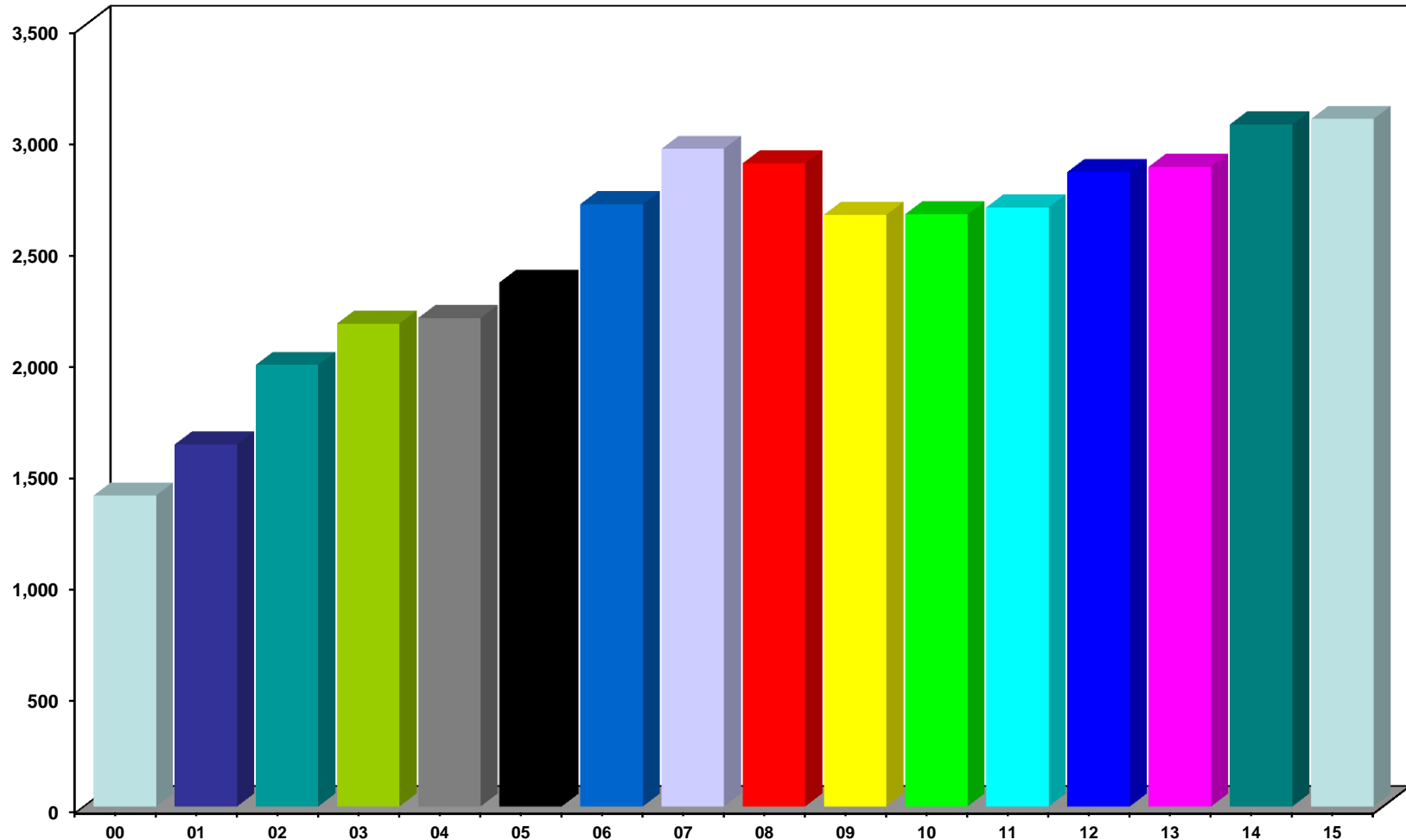


# International applications received in 2015 by country of origin



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

# PCT use in IT



- Joined PCT effective March 28, 1985
- 3,083 PCT applications filed by IT applicants in 2015 with RO/IT

# The PCT... and business

Most businesses worldwide which seek and use patents wish to:

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

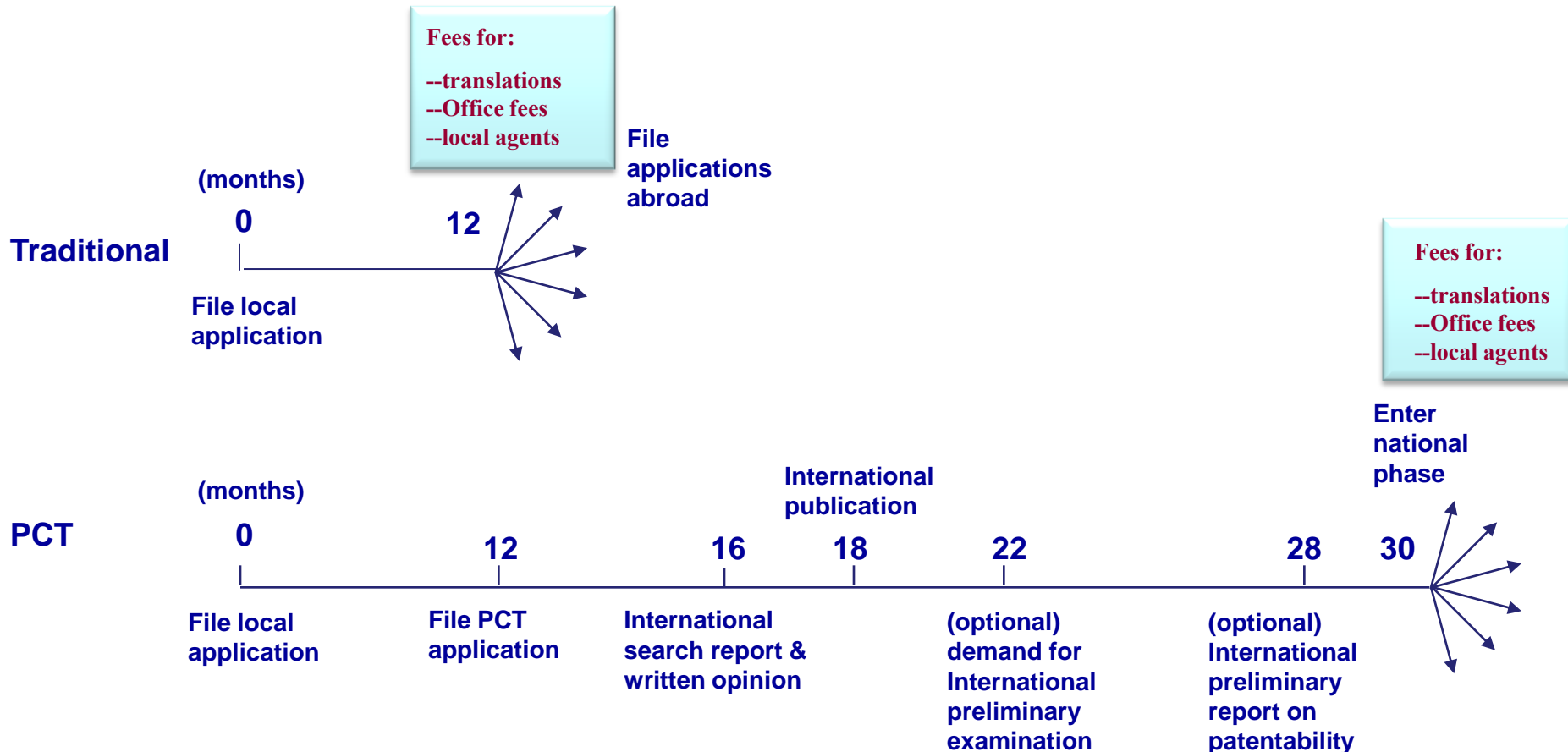
**The PCT responds to these objectives**

# Certain PCT Advantages

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

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

# Traditional patent system vs. PCT system



# Certain PCT Advantages

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

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



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

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

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

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

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

# Example: PCT Written opinion of the International Searching Authority (PCT/ISA/237)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		International application No.
Box No. V	<b>Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</b>	
1. Statement		
Novelty (N)	Claims	<u>Claim(s) 3-15</u> YES
	Claims	<u>Claim(s) 16</u> NO
Inventive step (IS)	Claims	<u>Claim(s) 8, 10-12</u> YES
	Claims	<u>Claim(s) 3-7, 9, 14-16</u> NO
Industrial applicability (IA)	Claims	<u>Claim(s) 3-16</u> YES
	Claims	_____ NO
2. Citations and explanations:		
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,		

**Reasoning  
supporting the  
assessment**

**Patentability  
assessment  
of claims**

# International Searching Authorities (21)

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

# Choice of RO(s), language(s) of filing and ISA(s), IT applicant(s))

■ Receiving Offices	<u>RO/IT</u> (UIBM)	<u>RO/EP</u> (EPO)	<u>RO/IB</u> (WIPO)
■ Filing language(s)	English, French, German, Italian	English, French, German	Any language
■ ISA(s)	EP	EP	EP

# Certain PCT Advantages

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

- postpones the major costs associated with internationalizing a patent application
- provides a strong basis for patenting decisions
- harmonizes formal requirements

# Harmonization of formal requirements

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

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

# Certain PCT Advantages

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

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



# Protection from inadvertent errors

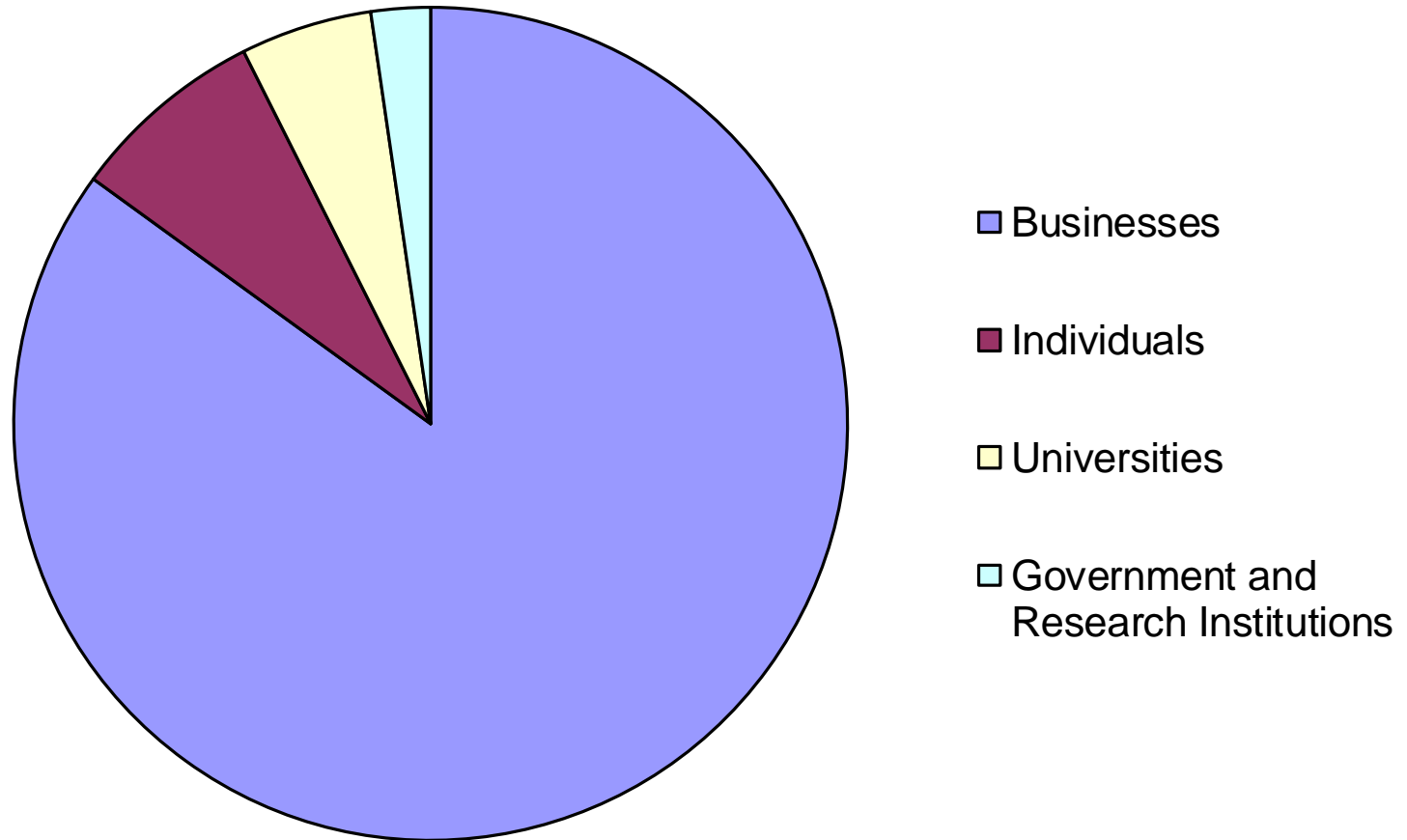
- invited corrections of defects & fee payments
- non-competent receiving Office
- double formality review
- restoration of the right of priority
- missing parts/incorporation by reference
- rectification of obvious mistakes
- excuse of national phase entry delay

# Certain PCT Advantages

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

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

# Distribution of PCT Applicants in 2015



## Top Applicants

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

# Top PCT Applicants 2015\*

( ) of published  
PCT applications

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

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

\*48,539 total PCT  
applicants in 2015

\*\*more than 15  
per WIPO working  
day

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

# Top PCT IT Applicants 2014

Applicant	Publication	Rank
G.D SOCIETA' PER AZIONI	63	376
NUOVO PIGNONE SRL	51	455
PIRELLI TYRE S.P.A.	43	537
CONSIGLIO NAZIONALE DELLE RICERCHE	34	679
INDESIT COMPANY S.P.A.	32	734
ENI S.P.A.	27	868
BASELL POLIOLEFINE ITALIA S.R.L.	24	964
SOLVAY SPECIALTY POLYMERS ITALY S.P.A.	24	964
DANIELI & C. OFFICINE MECCANICHE S.P.A.	23	1009
FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA	20	1145

# Top University PCT Applicants 2015

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

# Certain PCT Advantages

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

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



# Patent Prosecution Highway (PPH) and PCT

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

# Various PCT services

- New ISAs/IPEAs: ISA/XV
- [PCT Highlights](#)
- [PCT Direct](#)
- Licensing availability
- [ePCT](#)
- Third Party Observations
- [PATENTSCOPE](#)
- [WIPO Pearl](#)
- [Arbitration and Mediation Center Fee Reductions](#)
- PCT training options

# Indication of availability for license

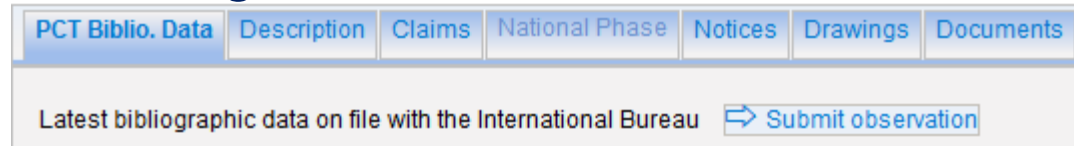
- PCT applicants can indicate in relation to their published applications that the invention is available for license
  - How? Applicants may submit a “licensing request” (see PCT Form [PCT/IB/382](#)) directly to the IB
  - When? At the time of filing or within 30 months from the priority date
  - Free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

# ePCT

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

# 3<sup>rd</sup> Party Observation System

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



# PCT training options

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

# PCT Resources/Information

For further information about the PCT, see

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

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

Telephone: (+41-22) 338 83 38

Facsimile: (+41-22) 338 83 39

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





Questions?

Thank you for your attention !

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+ 41 22 910 00 30  
[Christine.Bonvallet@wipo.int](mailto:Christine.Bonvallet@wipo.int)





**WIPO | MADRID**

The International  
Trademark System

# Overview of the Madrid and the Hague Systems



Speaker: Asta Valdimarsdottir

Director, Madrid Operations Division

**Bologna**

**October 18<sup>th</sup> 2016**

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

MICROMAX

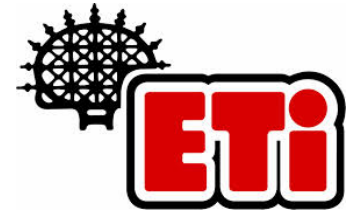


DAIMLER

SHISEIDO



ORKA GROUP  
"FASHION IS OUR BUSINESS"



syngenta



TREASURY  
WINE ESTATES

DZAMA



Microsoft



sopharma<sup>®</sup>  
PHARMACEUTICALS

# The Madrid System is Convenient

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

# The Madrid System is Cost-effective

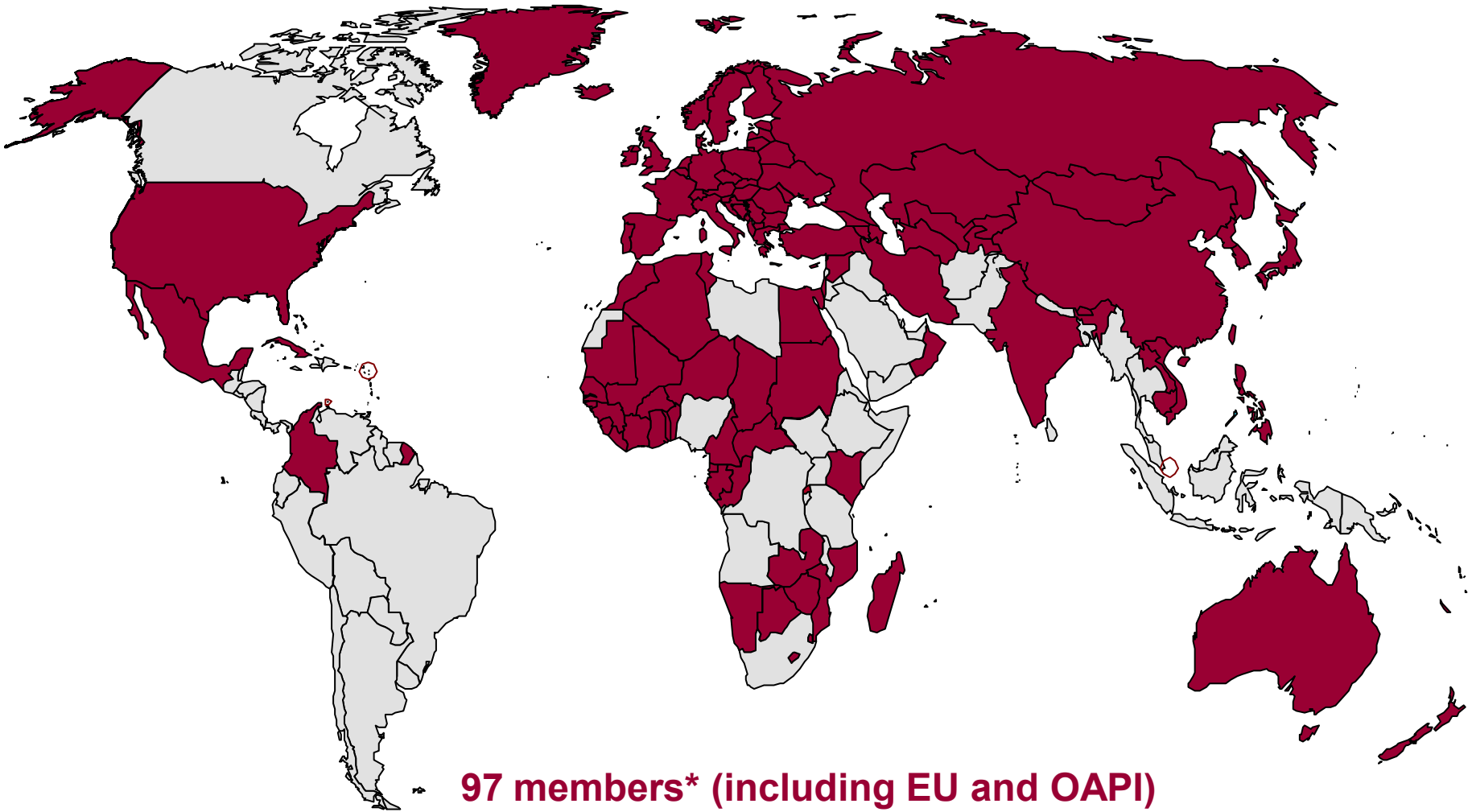
- File an international application, which is the equivalent of a bundle of national applications, effectively saving time and money
- Avoid paying for translations into multiple languages or working through the administrative procedures of multiple IP Offices

# The Madrid System offers Broad Geographic Coverage

- Protect your trademark/s simultaneously in the 113 countries covered by the 97 members of the System
- Access markets that represent in excess of 80% of world trade, with potential for expansion as membership grows
- Recent accession include –
  - 2012: Colombia, Mexico, New Zealand and the Philippines
  - 2013: India, Rwanda and Tunisia
  - 2014: OAPI and Zimbabwe
  - 2015: Algeria, Cambodia, The Gambia
  - and Lao PDR



# Members of the Madrid System



**97 members\* (including EU and OAPI)  
covering 113 countries**

**WIPO | MADRID**  
The International  
Trademark System

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

# Top Applicants

#	Name	Origin	Applications
1	NOVARTIS	Switzerland	197
2	LIDL	Germany	152
3	L'ORÉAL	France	130
4	PHILIPS	Netherlands	126
5	RICHTER GEDEON NYRT BOEHRINGER INGELHEIM	Hungary	124
6	PHARMA	Germany	90
7	APPLE	USA	85
8	DAIMLER	Germany	83
9	BIOFARMA	France	81
10	GLAXO GROUP	United Kingdom	68

# ... More than 1.25 Million International Registrations



**MICROMAX**

- This LONGINES mark is the oldest trademark still in effect
- Originally registered in Switzerland in 1889, then internationally in **1893**
- MICROMAX is international trademark registration 1.25 million
- Originally registered in India in 2011, then internationally in **2014**

# How the Madrid System Works

## The International Trademark Registration Process



# Stage 1

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

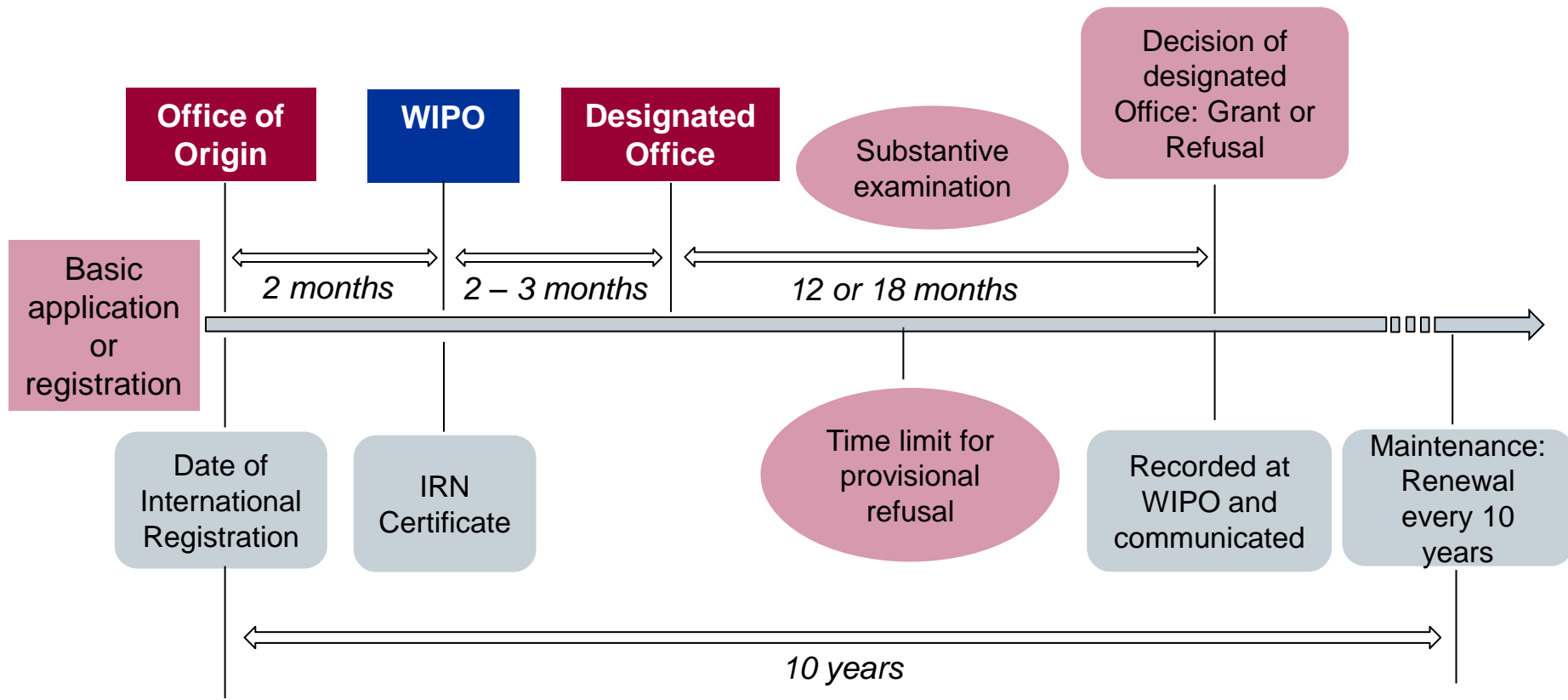
# Stage 3

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

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

# Timeline

## The International Trademark Registration Process





# Costs

Fees are payable to WIPO in Swiss francs

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

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

# WIPO Resources and E-Services

- The Madrid Website provides resources and E-Services to assist you to search before filing, file an application and to monitor and manage your registration
- In summary, these resources include...

# WIPO Resources and E-Services

## SEARCH

[ROMARIN](#) – database of international registrations

[Member Procedures](#)

[Global Brand Database](#) – search marks by text and image from national/international sources, including trademarks, appellations of origin and official emblems

## MONITOR

[Madrid Real-Time Status](#) of international applications and progress of requests being processed by WIPO

[Madrid Electronic Alert](#) – monitor changes to international registrations

[Madrid Monitor \(Beta\)](#) – search and access all information on international registrations

## FILE

[Forms and E-Forms](#)

[Madrid Goods & Services Manager](#) – correct good & service specifications and translation

[International Application Simulator](#)

[Fee Calculator](#)

[E-Payment](#) – online payment system by credit card/[WIPO current account](#)

## MANAGE

[Madrid Portfolio Manager](#) – access registration documents, uploading of requests for recording, payments

[Forms and E-Forms](#) – [E-Subsequent Designation](#) and [E-Renewal](#)

[Extracts](#) from the International Register

# WIPO Resources and E-Services

## CONSULT

[E-Services overview and tutorials](#)

[Legal texts](#) – Agreement/Protocol, Regulations, Administrative Instructions

[Declarations made under the Madrid Agreement and the Madrid Protocol](#)

[Guide to the International Registration of Marks](#)

[WIPO Gazette of International Marks](#)

[Office practices on replacement](#)

[Statistics](#)

[Making the Most of the Madrid System](#)  
– Web publication

[Warning](#) – misleading invoices

## UPDATES

[Information Notices](#)

[Madrid Highlights](#) – quarterly newsletter for Madrid System users

[Subscribe](#) to receive news and updates on the Madrid System by e-mail

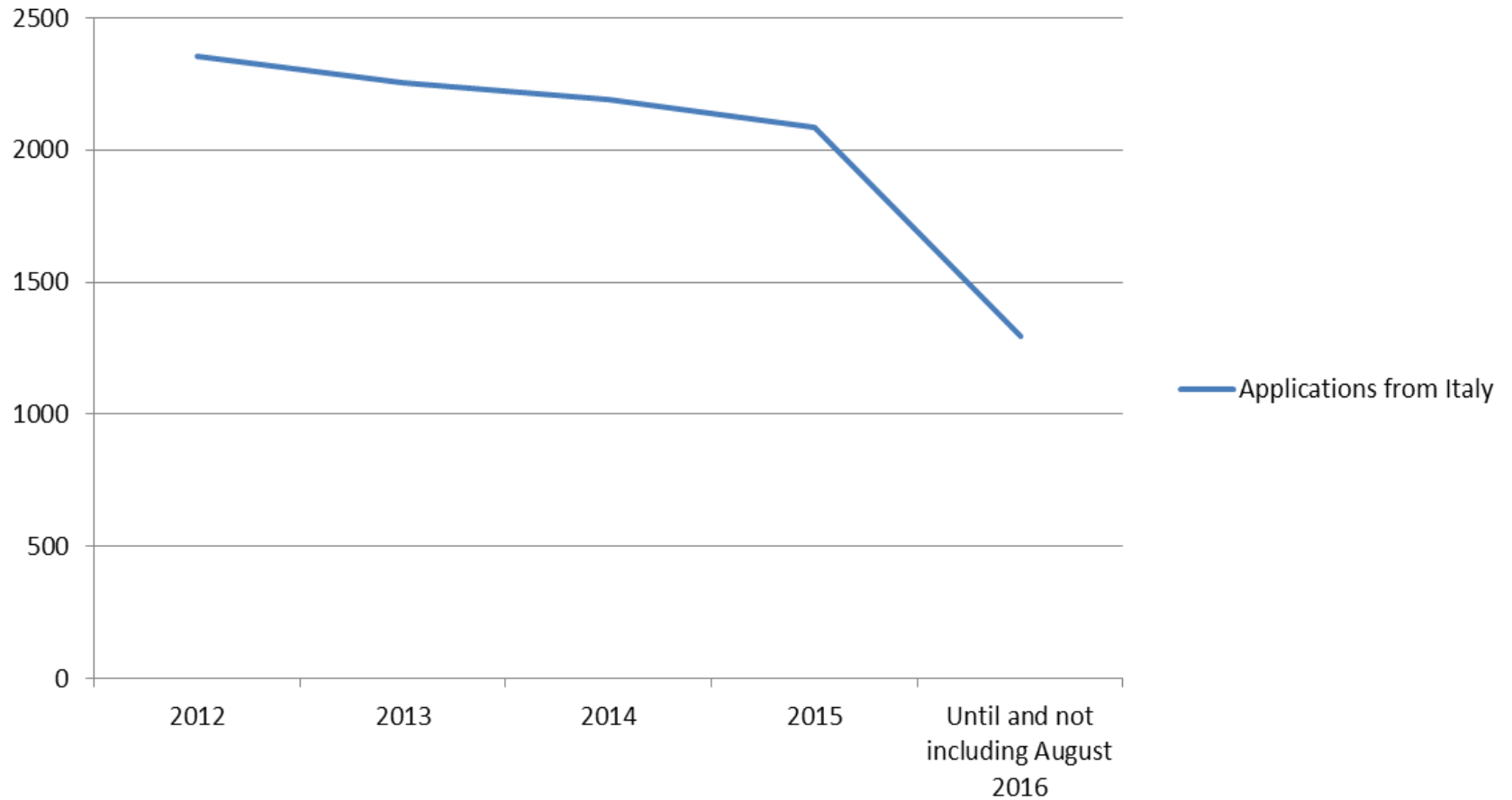
# Top Filing Contracting Parties

Contracting Parties	2013	2014	2015
United States of America	5,893	5,414	8,486
European Union	6,814	6,996	8,131
Germany	4,357	3,883	4,603
France	3,514	3,377	3,718
Switzerland	2,885	2,994	3,128
Japan	1,855	1,729	2,407
China	2,455	1,738	2,231
Australia	1,195	1,246	2,229
Italy	2,118	2,070	2,165
United Kingdom	1,580	1,560	2,068

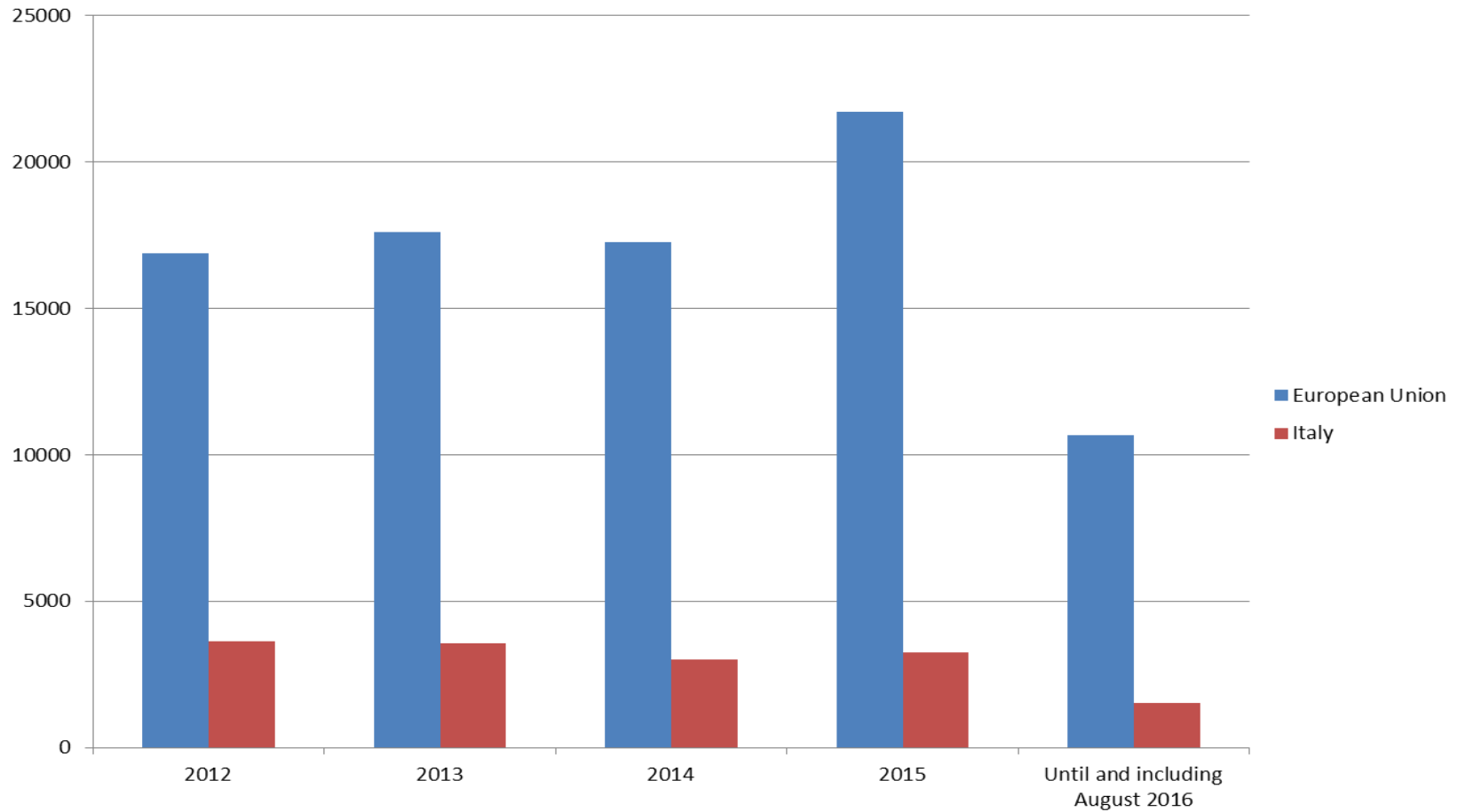
# Top Designated Contracting Parties

Contracting Parties	2013	2014	2015
China	20,275	20,309	24,849
United States of America	17,322	17,268	21,996
European Union	17,598	17,270	21,721
Russian Federation	18,239	16,573	17,436
Japan	13,179	12,814	15,776
Switzerland	13,215	12,759	14,584
Australia	11,675	11,533	14,292
Republic of Korea	10,967	10,402	12,997
India	1,916	8,138	11,391
Mexico	5,095	8,533	10,569

# International applications from Italy



# Designations and subsequent designations to Italy





# Recent Developments

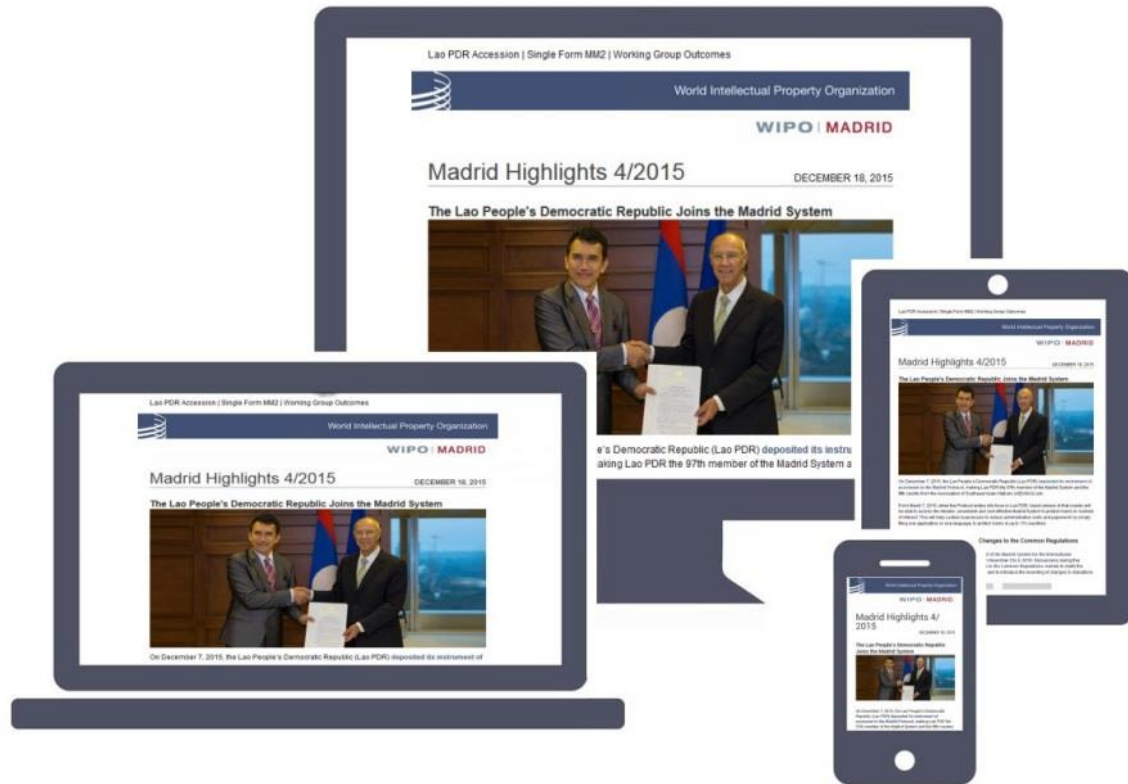
- Madrid Monitor (Beta) – integrates ROMARIN, the WIPO Gazette, Madrid E-Alert and Real-time Status
- New or improved E-Services
  - Madrid E-Filing (Australia and Benelux)
  - E-Subsequent Designation and E-Renewal
- Algeria's accession to Protocol
  - Madrid operating, for practical purposes, as single-treaty system
  - One form needed for international applications (MM2)
- Publication of Madrid System Pendency Rates at WIPO

# Short-term Future of the System (2-3yrs)

- Enlarging Membership
  - ASEAN countries - Brunei Darussalam, Indonesia, Malaysia and Thailand
  - Canada
  - Caribbean countries – Trinidad and Tobago, and Jamaica
  - African countries – Malawi and South Africa
  - Latin American countries
  - Arab Countries
- Broad-based review of E-Services and development of an online Customer Resources Center

# Keep Updated on the Madrid System

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



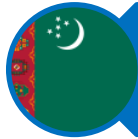
# WIPO | Hague

The International Design System



# Geneva Act (1999)

## Recent Accessions



Turkmenistan  
(March 16, 2016)



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



United States of America  
(May 13, 2015)



Japan  
(May 13, 2015)



Republic of Korea  
(July 2014)

## Potential accessions



China



Russian Federation



Morocco



ASEAN countries



Israel



Belize

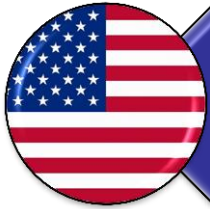


Mexico

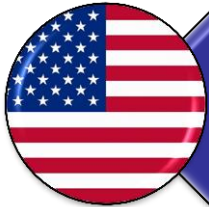


Madagascar

# Designating the USA

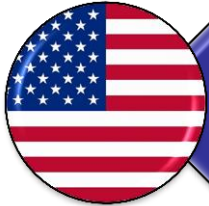


One design per in a single application



**MANDATORY!**

A claim defining the design



**MANDATORY!**

The oath or declaration of inventorship  
for each creator



**Three levels of individual designation fee:**

default (CHF 733/540)

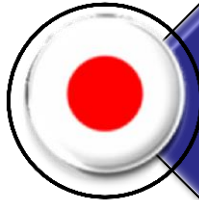
small entity (CHF 367/270)

micro entity (CHF 183/135)

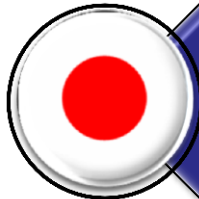
# Designating Japan



one independent and distinct design per a single application



Section «Creator» in application form must be filled in



Indication of the principle design in the international application



Special requirement to reproductions



# Designating the Republic of Korea



For products belonging to Locarno classes 2, 5, or 19 the level three of the standard designation fee shall apply



Products belonging to Locarno class 32 are not subject to registration under the legislation of the Republic of Korea



- (i) for a design of a set of articles: one view of the coordinated whole and corresponding views of each of its components, and
- (ii) for a design for typefaces: views of the given characters, a sample sentence, and typical characters;

# Priority Documents

## Republic of Korea

- Priority documents may be attached to the IA at the time of filing.
- When failed to attach the priority documents to the IA, these documents shall be submitted directly to KIPO through a local agent within three months of publication of the IR.

## Japan

- Original priority documents have to be sent directly to the JPO through a local agent within three months of publication of the IR.

## United States of America

- Original priority documents have to be sent directly to the USPTO at the latest before “the date the issue fee is paid”.

# Using the Hague as a First-filing system

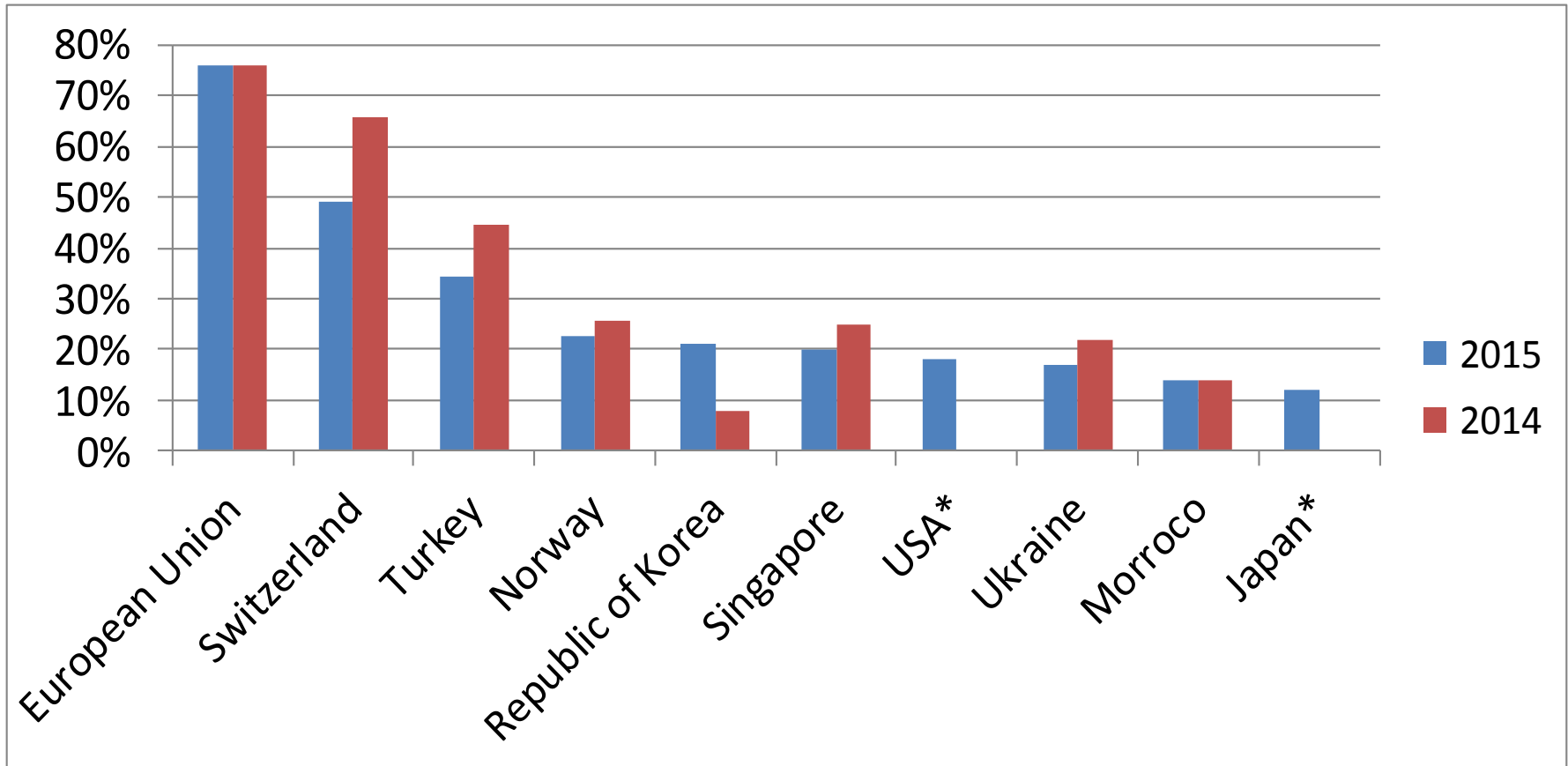
- Since an international application for registration of industrial designs may be a *first* application under the Hague System, it may itself also serve as a basis for claiming priority with regard to a subsequent national or regional application.
- Using the Hague as a first-filing system may help to bypass the inconvenience of claiming priority, when designating the USA, Japan and the Republic of Korea

# Guidance for reproductions

[http://www.wipo.int/export/sites/www/hague/en/how\\_to/pdf/guidance.pdf](http://www.wipo.int/export/sites/www/hague/en/how_to/pdf/guidance.pdf)

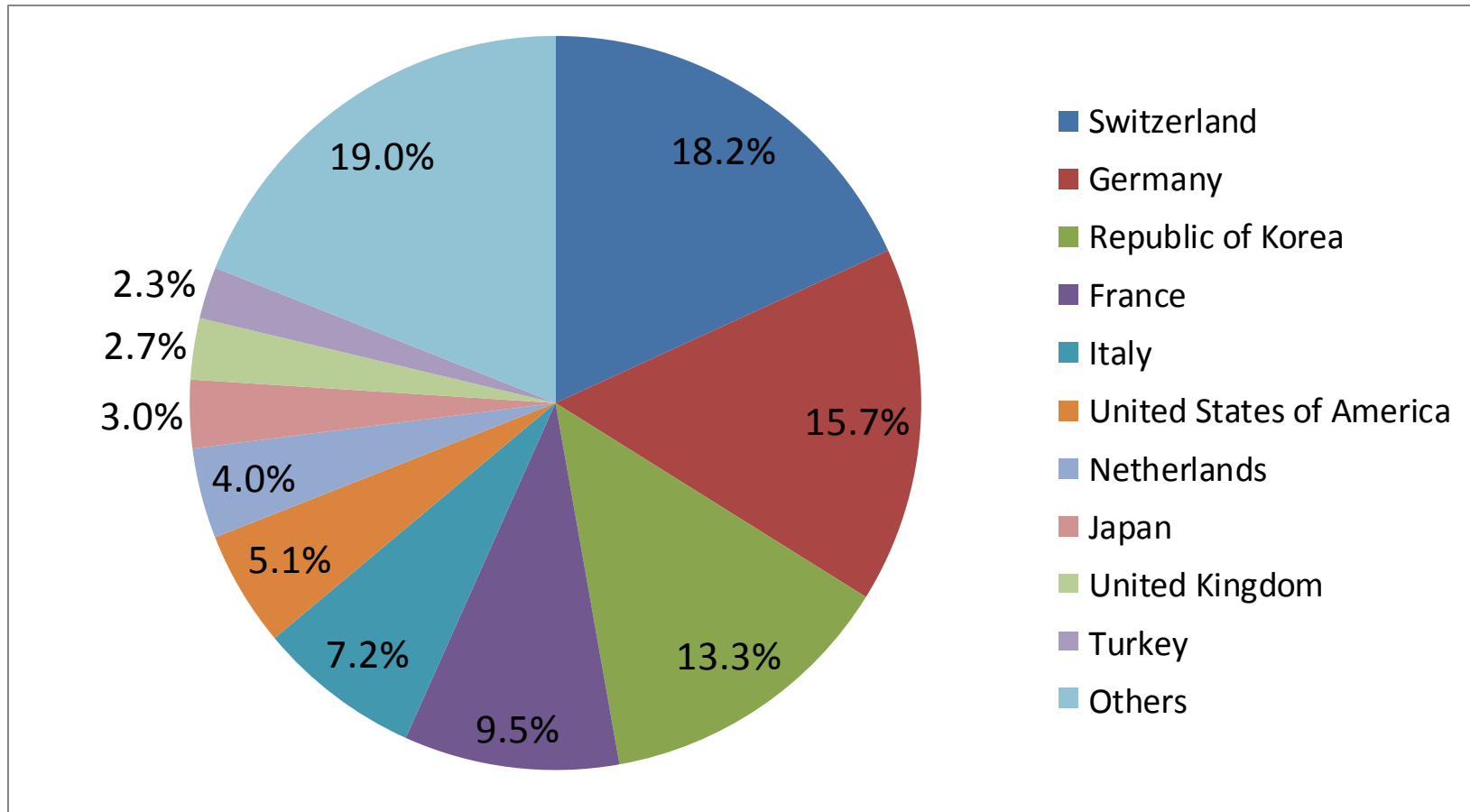
- Prepared under the Rule 9(4) of the Common Regulations under the 1999 Act and the 1960 Act of the Hague Agreement in consultation with the Examining Offices under the Hague System;
- The purpose of this guidance is to help the applicant to avoid a possible refusal.
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39014

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Domicile  

Real and effective industrial or commercial establishment  



Habitual residence  

(\*\*) Indicate at least one entitlement

**Applicant's Contracting Party (ACP)**

Applicant's Contracting Party  

**Applicant(s) registered**

Name	Address	Nat.	Dom.	Estab.	Res.	ACP	Act(s)	Actions
Yves Closet	34 Ch. des Colombettes 1211 Lausanne Switzerland	BX		EM		EM	60/99	 

Thank you  
for your attention

[Asta.valdimarsdottir@wipo.int](mailto:Asta.valdimarsdottir@wipo.int)





# Global Databases for IP Platforms and Tools for the Connected Knowledge Economy



Speaker: Christophe Mazenc, Director,  
Global Databases Division, Global Infrastructure Sector

**Bologna**  
**October 18<sup>th</sup> 2016**

# Strategic Goals of Global Databases and Tools

- 2 related goals:

- “Coordination and Development of Global IP Infrastructure”
- “World Reference Source for IP Information and Analysis”

# Benefits to Stakeholders

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- Providing search facilities for IP collections (patents, trademarks, industrial designs)
- Simplifying application procedures to multiple IP authorities
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- Assisting automation, IP information dissemination to the public, and exchange of IP documents with other offices

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Analysis

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No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor
1.	WO	WO/2012/167518 - SOLAR HYBRID VEHICLE	13.12.2012	B60K 6/28	PCT/CN2011/079446	ZHU, Shuyi	ZHU, Shuyi

A solar hybrid vehicle comprises a vehicle body, a vehicle energy configuration system, and a braking energy recycling device (11). The vehicle body collects solar energy with a solar energy collection system, the collected solar energy is stored in the vehicle energy configuration system, and the braking energy recycling device is connected to a storage battery pack (6). A power is disposed between the vehicle energy configuration system and the storage battery pack. The vehicle

Electric car only 16,000 hits

Search Query (synonyms & technologically related terms)





1. (WO2012167518) SOLAR HYBRID VEHICLE

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

Latest bibliographic data on file with the International Bureau

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Pub. No.: WO/2012/167518 International Application No.: PCT/CN2011/079446

Publication Date: 13.12.2012 International Filing Date: 07.09.2011

IPC: B60K 6/28 (2007.10), B60L 8/00 (2006.01)

Applicants: ZHU, Shuyi [CN/CN]; (CN)

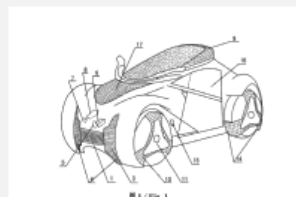
Inventors: ZHU, Shuyi; (CN)

Agent: BEIJING GENIUS ESSEN INTELLECTUAL PROPERTY OFFICE; Room 806 ~ 809 Taifeng Huizhong Mansion No.120 Zhushikou W. St., Xicheng District Beijing 100050 (CN)

Priority Data: 201110151619.9 08.06.2011 CN

Title  
 (EN) SOLAR HYBRID VEHICLE  
 (FR) VÉHICULE HYBRIDE SOLAIRE  
 (ZH) 太阳能混合动力汽车

Abstract: (EN) A solar hybrid vehicle comprises a vehicle body, a vehicle energy configuration system, and a braking energy recycling device (11). The vehicle body collects solar energy with a solar energy collection system, the collected solar energy is stored in the vehicle energy configuration system, and the braking energy recycling device is connected to a storage battery pack (6). A sensor is disposed between the vehicle energy configuration system and the storage battery pack. The vehicle energy configuration system is connected to an on-board automatic control system, an external charging interface (15) and an electric motor (7). The present invention combines multiple technical solutions, reduces energy consumption, increases the utilization of solar energy, and is more aesthetic and user-friendly.



(FR) La présente invention concerne un véhicule hybride solaire comportant une carrosserie de véhicule, un système de configuration d'énergie de véhicule, et un dispositif de recyclage d'énergie au freinage (11). La carrosserie de véhicule collecte de l'énergie solaire grâce à un système de collecte d'énergie solaire, l'énergie collectée est stockée dans le système de configuration d'énergie de véhicule et le dispositif de recyclage d'énergie au freinage est connecté à un bloc d'éléments d'accumulateur (6). Un capteur est disposé entre le système de configuration d'énergie de véhicule et le bloc d'éléments d'accumulateur. Le système de configuration d'énergie de véhicule est connecté à un système de commande automatique embarqué, à une interface de charge externe (15) et à un moteur électrique (7). La présente invention est une combinaison de plusieurs solutions techniques, réduit la consommation d'énergie, accroît l'utilisation de l'énergie solaire, et est plus esthétique et conviviale.

(ZH) 一种太阳能混合动力汽车，包含汽车本体、车体能量配置系统、制动能量回收装置（11）；汽车本体通过太阳能采集系统收集太阳能，收集的太阳能存储在车体能量配置系统中，制动能量回收装置与蓄





Machine translation

1. (WO20121675

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PCT Biblio. Data

Description

Claims

National Phase

Not

**Note:** Text based on automatic Optical Character Recognition process.

太阳能混合动力汽车

技术领域

本发明涉及一种太阳能混合动力汽车，属于新能源汽车技术领域。

背景技术

随着国民经济的快速发展，越来越多的家庭已经拥有了汽车。然而，国际原油价格一路飙升为我们敲响了能源紧缺的警钟。汽车在中国家庭中的普及要求我们在新能源汽车上取得实质性的技术突破。

目前，国内外众多科研机构、公司都在致力于新能源汽车的研究。其中，混合动力汽车是现有新能源汽车中最接近成熟的产品。混合动力汽车的性能可以超过传统的燃油汽车，但其电池蓄电里成为影响其发展的瓶颈，所以还不能完全取代燃油汽车。

在太阳能汽车的开发研究上，人们已经取得了较大的进展。近年来对太阳能收集转化技术的研究，也有效提高了太阳能的吸收利用率。太阳能汽车的车体玻璃对太阳能的有效吸收利用情况在很大程度上影响了汽车的整体性能。为此，人们在太阳能汽车上尝试使用可烘烤低辐射镀膜玻璃和太阳能薄膜电池来提高太阳能的吸收效率，并取得了一定的效果。

因此，借助技术的更新可以为市场提供更好的节能环保型太阳能混合动力汽车。

发明内容

本发明所要解决的技术问题在于克服现有技术的不足，提供一种太阳能混合动力汽车。

为实现上述的发明目的，本发明采用下述的技术方案：

一种太阳能混合动力汽车，包括汽车本体、太阳能采集系统、车体能量配置系统、车载自动控制系统和制动能量回收装置；

所述汽车本体通过所述太阳能采集系统收集太阳能；收集的太阳能储存在车体能量配置系统中，所述制动能量回收装置与蓄电池组连接；所述车体能量配置系统与所述蓄电池组之间设有传感器，所述车体能量配置系统分别与所述车载自动控制系统、外接充电接口和电动机相连；

所述太阳能采集系统包括太阳能天窗、可烘烤低辐射镀膜玻璃、太阳能薄膜电池以及车轮太阳能板，其中所述太阳能天窗为设置在所述汽车本体顶部的太阳能蜂窝吸光体；

在所述车体能量配置系统中，供电控制单元分别与光强检测单元、太阳能采集单元、能量存储单元、汽车用电单元连接，用于实时接收所述光强检测单元检测到的光强信号，并根据该光强信号控制所述太阳能采集单元、所述能量存储单元以及所述汽车用电单元的运行；

在所述汽车本体的车轮外侧分别设置有磁浮制动盘罩，所述磁浮制动盘罩的表面设置有车轮太阳能板；

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Auto ibride solari

CAMPO

La presente invenzione riguarda un veicoli ibridi solari, appartenente al campo dei veicoli nuovi tecnologie energetiche.

BACKGROUND

Con il rapido sviluppo dell'economia nazionale, sempre più famiglie sono stati o stanno per avere una macchina. Tuttavia, i prezzi internazionali del greggio salito a noi ha lanciato l'allarme per la carenza di energia. Car popolare in famiglie cinesi ci impongono di fare sostanziali progressi tecnologici in nuovi veicoli di energia.

Allo stato attuale, molti istituti di ricerca nazionali ed esteri, le aziende stanno lavorando su veicoli di nuova energia. Tra questi, le auto ibride sono i veicoli di nuova energia più vicini esistenti maturano prodotto. Le auto ibride possono superare le prestazioni dei veicoli a combustibile tradizionale, ma la sua capacità della batteria è diventato un collo di bottiglia che interessano il loro sviluppo, in modo che non può sostituire completamente veicoli a carburante.

Sulla ricerca e lo sviluppo di automobili solari, le persone hanno fatto grandi progressi. Recenti studi sulla conversione della tecnologia solare raccolta di energia, ma anche di migliorare efficacemente l'assorbimento e l'utilizzazione dell'energia solare. Carrozzeria solare efficace assorbire vetro solare è largamente influenzato le prestazioni generali della macchina utilizzazione. Per questo motivo, si cerca di utilizzare la macchina solare può cuocere piegato bassa emissività vetro rivestito e celle solari a film sottile per migliorare l'efficienza di assorbimento di energia solare, e hanno raggiunto alcuni risultati.

Pertanto, l'uso di tecnologia aggiornata per fornire una migliore risparmio energetico veicoli ibridi solari al mercato.

SINTESI

I problemi tecnici da risolvere dalla presente invenzione è quello di superare le carenze della tecnica anteriore per fornire un veicoli ibridi solari.

Per raggiungere il suddetto scopo dell'invenzione, la presente invenzione impiega lo schema seguente tecnica:

A veicoli ibridi solari, tra cui il corpo vettura, il sistema di raccolta solare, i sistemi di configurazione di energia del corpo, i sistemi di controllo dei veicoli e il recupero dell'energia di frenata automatica;



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- 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

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MECH-Mechanical Engineering

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or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole process are all made of diesel generator

Ok

or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole process are all made of diesel generator

or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole **course by** diesel generator

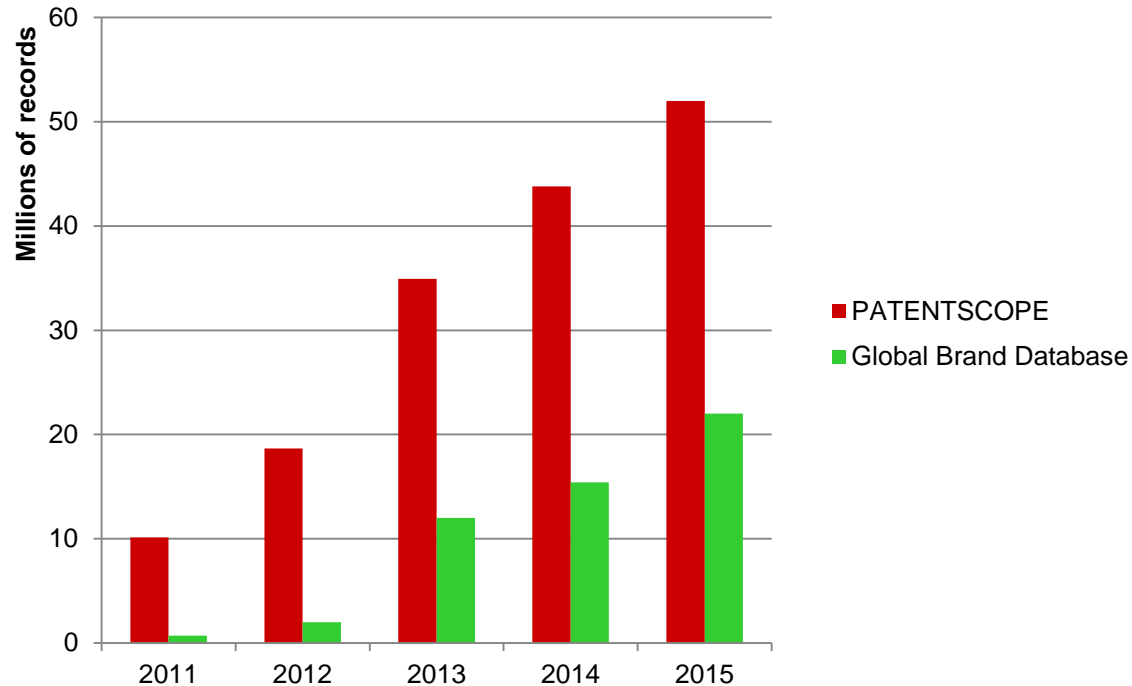
or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole process **by** diesel generator

or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole process **of** diesel generator

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Results 1-10 of 37,306 for Criteria:DP:2015\* AND AADC:US Office(s):wo Language:EN Stemming: true

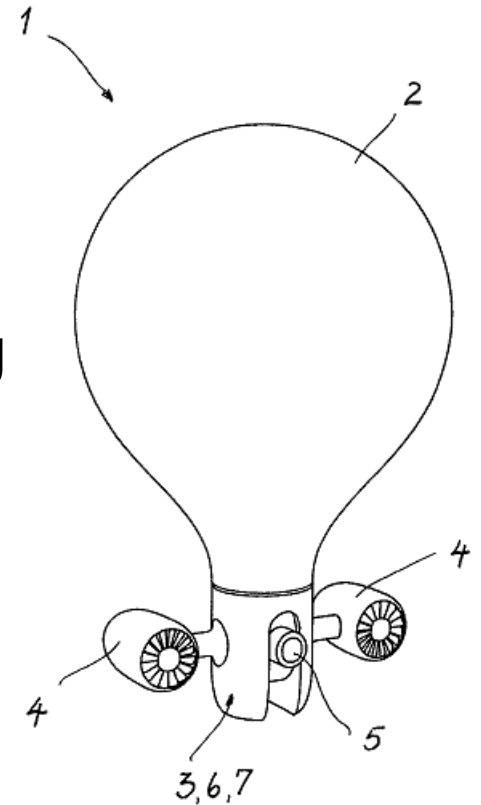
prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 3731 Go >

Refine Search DP:2015\* AND AADC:US Search RSS

1	2	3	4	5	6	7	8	9	10
Publication Number	Publication Date	Title	Abstract						
<a href="#">WO2015130275</a>	03.09.2015	PRINT ZONE HEATING	In one example, the plenum, and						
<a href="#">WO2015130288</a>	03.09.2015	BEHAVIOR MODIFICATION OF A POWER SUPPLY IN RESPONSE TO A DETECTED CONDITION	Examples herein includes a conver						
<a href="#">WO2015130296</a>	03.09.2015	A HIGH-PERFORMANCE DIPOLE ACOUSTIC TRANSMITTER	A disclosed high-orthogonal. The t includes a reacti shell relative to th spring is coupled while suppressing parallel to the sid electromagnetic ; have mirror symm						
<a href="#">WO2015130263</a>	03.09.2015	PRODUCT LINE OF ABSORBENT ARTICLE	A product line of an outer cover, a material and the handling feature v wearer is sized w relationship with l that passes thro adapted to handl configuration thar						
<a href="#">WO2015130277</a>	03.09.2015	PROTEIN-BASED FIBROUS BRIDGING MATERIAL AND PROCESS AND SYSTEM FOR TREATING A WELLBORE	A bridging materi For example, the process for treati provided. A syste formation is also						
<a href="#">WO2015130261</a>	03.09.2015	SILICON CHIP WITH REFRACTIVE INDEX GRADIENT FOR OPTICAL COMMUNICATION	Technologies per gradient may be l dissociating and						

# German decompounder

- Special care has been taken to index efficiently compound words in German language
- Example: WO2014/00729  
***Gasballongetragener Flugroboter***
- With decompounding, any of the following queries will match the WO2014/00729 document:
  - “gasballon” AND “roboter”
  - “gasballon” AND “flugroboter”
  - “ballon” AND “roboter”
  - “getragener” AND “roboter”



# PATENTSCOPE Graphical User Interface available in Arabic

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الصفحة الرئيسية | خدمات الملكية الفكرية | ركن البراءات الإلكتروني

بحث بسيط

باستخدام واجهة ركن البراءات الإلكتروني PATENTSCOPE يمكنك البحث في 49 وثائق البراءات بما فيها 2.8 طلبات البراءات الدولية المنشورة (معاهدة التعاون بشأن البراءات). يمكنك الاطلاع على المعلومات المفصلة المتاحة هنا (<-)

البحث للمكتب: الكل

CTR:PT

الصفحة الأولى

.PCT Publication 41/2015 (2015-10-15) is available

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# ■ WIPO Translate now works with long Chinese, Japanese and French documents



The screenshot displays the WIPO Translate interface. At the top, there are navigation icons and a 'Machine translation' button. Below this, the document title is '1. (WO2015127603) INTERFACE MANAGEMENT SERVICE ENTITY, FUNCTIONAL METHOD'. A dropdown menu is open, showing four translation services: Wipo Translate, Google Translate, Bing/Microsoft Translate, and Baidu Translate. To the right of this menu is a list of target languages: Arabic, German, English (highlighted), Spanish, French, Japanese, Korean, Portuguese, Russian, and Chinese. The main content area shows the document's description in Chinese, starting with 'Note: Text based on automatic Optical Character Recognition processes. Please...' and '一种接口管理服务实体、功能服务实体及网元管理方法'.

1. (WO2015127603) INTERFACE MANAGEMENT SERVICE ENTITY, FUNCTIONAL METHOD

PCT Biblio. Data Description Claims National Phase Notices Drawings

Note: Text based on automatic Optical Character Recognition processes. Please...

一种接口管理服务实体、功能服务实体及网元管理方法

技术领域

本发明涉及通信技术领域，尤其涉及一种接口管理服务实体、功能服务实体及网元管理方法。

背景技术

随着通信技术的飞速发展，无线通信技术以其传输信息方便快捷，以及成本低廉的优势，得到了广泛的应用。在无线通信系统包括单制式网络和异构网络。

Machine translation

- Wipo Translate
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- Bing/Microsoft Translate
- Baidu Translate

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- English
- Spanish
- French
- Japanese
- Korean
- Portuguese
- Russian
- Chinese

# WIPO Translate

## ■ Competitive translation quality: BLEU scores:

<i>From language into English</i>	<i>WIPO translate</i>	<i>Google translate</i>
German title&abstract	46.11	37.94
Spanish title&abstract	36.00	33.07
French title&abstract	46.97	41.72
Russian title&abstract	28.88	17.76
Korean title&abstract	22.09	19.85
Japanese title&abstract	22.10	21.27
Chinese title&abstract	26.37	21.80
Chinese claims	28.68	21.89
Chinese descriptions	38.03	32.40

# ■ Two new supported languages in CLIR: Danish and Polish



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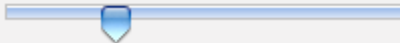
Query

akvakultur

Query Language: Danish ▼

Expansion Mode: Automatic ▼

Precision 0 4 Recall



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Results 1-10 of 21,071 for Criteria:IC:((DA\_TI:("akvakultur") OR DA\_AB:("akvakultur")) OR (DE\_TI:("Aquakultur" OR "Wassertierzucht") OR DE\_AB:("Aquakultur" OR "Wassertierzucht")) OR (EN\_TI:("aquaculture") OR EN\_AB:("aquaculture")) OR (ES\_TI:("acuicultura" OR "acuicultura" OR "acuicultivo" OR "acuicolas" OR "piscicultura" OR "aquacultura") OR ES\_AB:("acuicultura" OR "acuicultura" OR "acuicultivo" OR "acuicolas" OR "piscicultura" OR "aquacultura")) OR (FR\_TI:("aquaculture") OR FR\_AB:("aquaculture")) OR (IT\_TI:("acquacoltura") OR IT\_AB:("acquacoltura")) OR (JA\_TI:("養殖") OR JA\_AB:("養殖")) OR (KO\_TI:("양식") OR KO\_AB:("양식")) OR (PT\_TI:("aquacultura" OR "oxigenação") OR PT\_AB:("aquacultura" OR "oxigenação")) OR (RU\_TI:("аквакультуры" OR "аквакультурной" OR "выращивания аквакультур") OR "выращивания аквакультур") OR RU\_AB:("аквакультуры" OR "аквакультурной" OR "выращивания аквакультур")) OR (SV\_TI:("uppfödning av vattenlevande yngel") OR SV\_AB:("uppfödning av vattenlevande yngel")) OR (ZH\_TI:("养殖") OR ZH\_AB:("养殖"))))

Office(s):all Language:EN Stemming: true

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IC:((DA\_TI:("akvakultur") OR DA\_AB:("akvakultur")) OR (DE\_TI:("Aquakultur" OR

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RSS



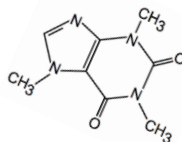
## Analysis

Options  Table  Graph Options  bar  pie  Line

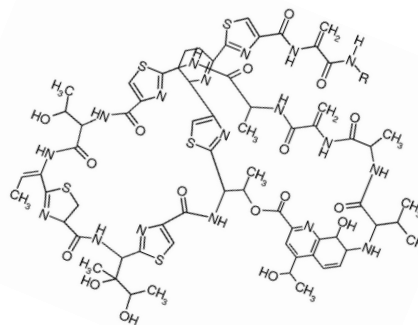
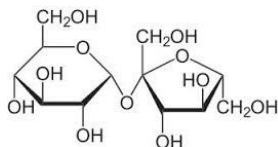
Countries		Main IPC		Main Inventor		Main Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
China	16417	A01K	9601	THE INVENTOR HAS WAIVED THE RIGHT TO BE MENTIONED	115	中国水产科学研究院黄海水产研究所	144	2005	565
Japan	2498	A23K	5582	XING GUI SHENG	93	中国水产科学研究院淡水渔业研究中心	121	2006	578
PCT	538	C02F	2166	QU TIANGUI	73	中国海洋大学	115	2007	697
United States	494	A61K	1599	吴常文	59	浙江海洋学院	110	2008	770
European Patent Office	195	A01G	1420	Qu Tiangu	58	中国科学院海洋研究所	101	2009	819
Canada	157	C12N	1401	SHEN JIANMING	58	中国海洋大学	89	2010	1333
Spain	141	A61P	1323	张涛	54	中国科学院海洋研究所	89	2011	1439
Brazil	128	C12R	819			Ocean University of China	89	2012	1948

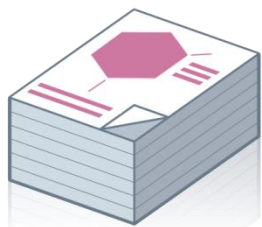
# Search chemical compounds

Principle:



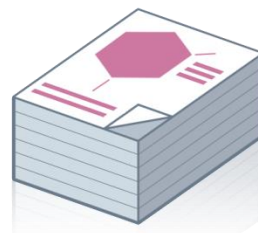
- Recognize chemical compounds in patent texts and from embedded drawings included in patent texts
- Standardize all the different representations of chemical structures into Inchikeys
- Implement search functions for Inchikeys that can be used by non chemists





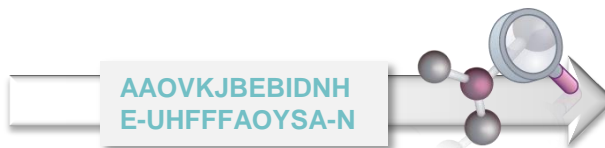
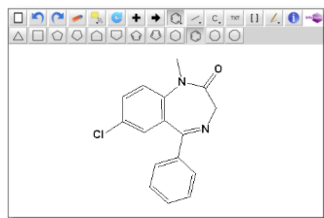
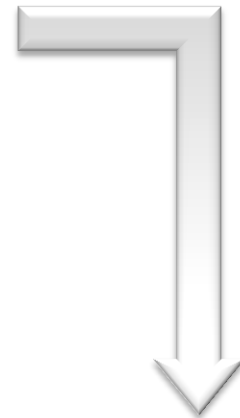
### PATENTSCOPE Documents

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

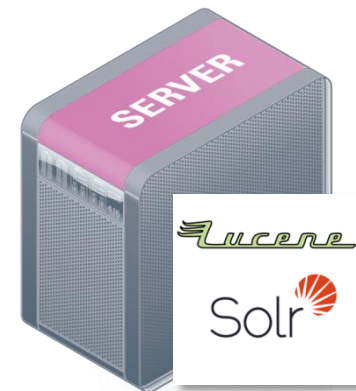


### Enriched PATENTSCOPE Documents

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



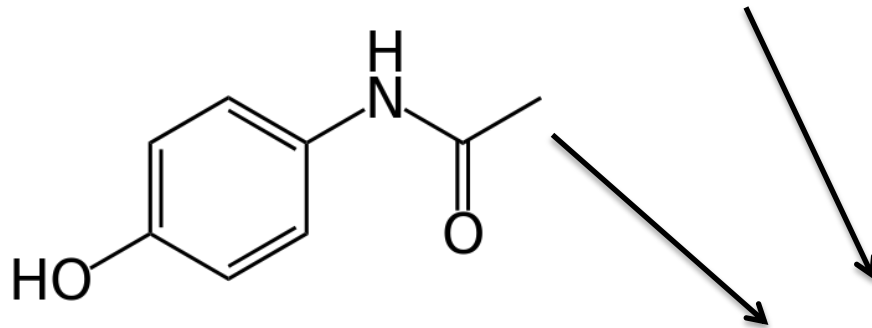
AAOVKJBEBIDNH  
E-UHFFFAOYSA-N



# Standardization

IUPAC name

N-(4-hydroxyphenyl)acetamide



INN

paracetamol

RZVAJINKPMORJF-UHFFFAOYSA-N

Other names

Acetaminophen, panadol, tylenol, ...

# ■ Access only with the PATENTSCOPE account

The screenshot shows the WIPO PATENTSCOPE website. At the top left is the WIPO logo. To its right, there are language options: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below this is the text 'PATENTSCOPE' and 'Search International and National Patent Collections'. A dark blue navigation bar contains the following items: 'WORLD INTELLECTUAL PROPERTY ORGANIZATION', 'Search', 'Browse', 'Translate', 'Options', 'News', 'Login' (circled in red), and 'Help'. Below the navigation bar is a breadcrumb trail: 'Home > IP Services > PATENTSCOPE'. The main content area has a blue header 'Simple Search' with a share icon. Below this, a paragraph states: 'Using PATENTSCOPE you can search 58 million patent documents including 3 million published international patent applications (PCT). Detailed coverage information can be found here (->)'. There is a search input field with a dropdown menu set to 'Front Page' and a 'Search' button. Below the search area, a notification box contains the text: 'PCT Publication 36/2016 (2016/09/09) is now available. The next publication date is scheduled as follows: Gazette number 37/2016 (2016/09/15). More'.



# How does it work?



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- Cross Lingual Expansion
- Chemical compounds

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PCT Publication 36/2016 (2016/09/09) is now available. The next publication date is scheduled as follows: Gazette number 37/2016 (2016/09/15). [More](#)

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Search For:

compound name

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

Search for scaffold:

Office: All Specify ⇌

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Tooltip Help

# Example 1: Theobromine

- Its chemical formula is  $C_7H_8N_4O_2$  and 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 has a bitter flavor, which gives dark chocolate its typical bitter taste.



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### Chemical compounds search

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Compound name



Theobromine

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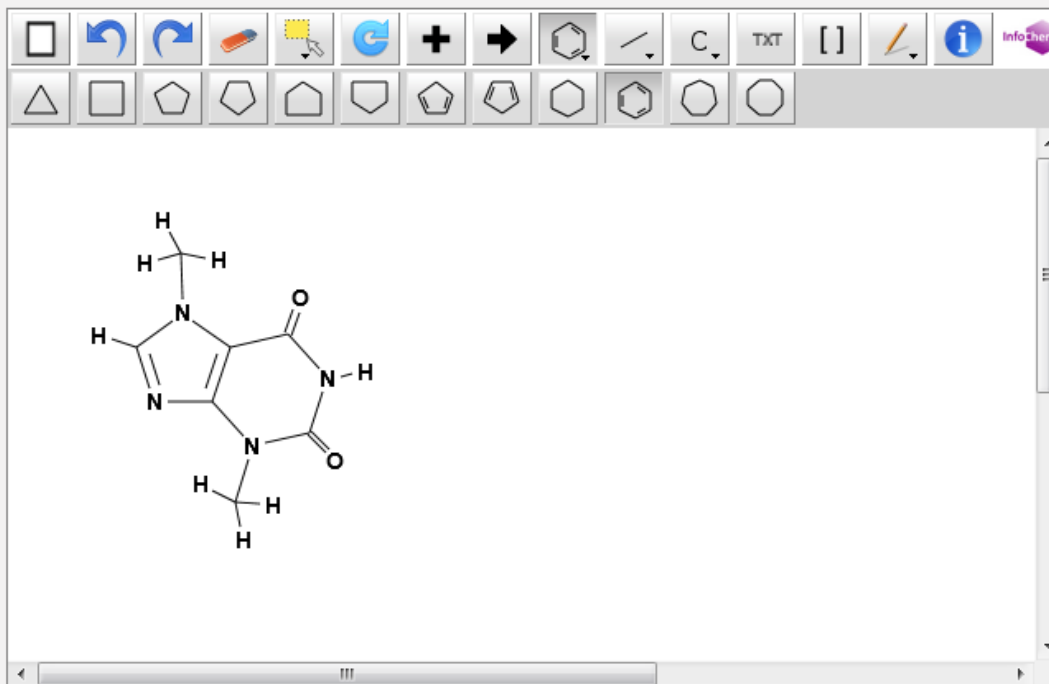
Office:

All

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Tooltip Help

Structure editor Convert structure Upload structure



InChI: CN1C=NC2=C1C(=O)N(C)C(=O)N2C  
InChIKey: YAPQBXQYLJRXSA-UHFFFAOYSA-N  
Molecular Formula: C<sub>7</sub>H<sub>8</sub>N<sub>4</sub>O<sub>2</sub>  
Molecular Weight: 180.167 g/mol

Search Reset

Search for scaffold: Office: All [Specify ⇌](#)Tooltip Help

Results 1-10 of 5,978 for Criteria:CHEM:(YAPQBQYLJRXSA-UHFFFAOYSA-N) Office(s):all Language:EN Stemming: true



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Refine Search CHEM:(YAPQBQYLJRXSA-UHFFFAOYSA-N)

Search

RSS



## Analysis


Sort by: [Pub Date Desc](#) View [All](#) List Length [10](#) [Machine translation](#)

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
<b>1. WO/2016/141458 BISPENOL ETHER DERIVATIVES AND METHODS FOR USING THE SAME</b>				WO	15.09.2016
C07C 69/21	PCT/CA2016/000070	BRITISH COLUMBIA CANCER AGENCY BRANCH		ANDERSEN, Raymond John	
Compounds having a structure of Formula I, or a pharmaceutically acceptable salt, tautomer or stereoisomer thereof, wherein R1, R2, L1, L2, L3, X, a, b, c, n, and m are as defined herein, are provided. Uses of such compounds for modulating androgen receptor activity and uses as therapeutics as well as methods for treatment of subjects in need thereof, including prostate cancer are also provided.					
<b>2. WO/2016/142250 BENZAZEPINE DICARBOXAMIDE COMPOUNDS</b>				WO	15.09.2016
C07D 403/12	PCT/EP2016/054487	F. HOFFMANN-LA ROCHE AG		HOVES, Sabine	
This invention relates to novel benzazepine dicarboxamide compounds of the formula (I), wherein R1 to R4 are as defined in the description and in the claims, as well as pharmaceutically acceptable salts thereof. These compounds are TLR agonists and may therefore be useful as medicaments for the treatment of diseases such as cancer, autoimmune diseases, inflammation, sepsis, allergy, asthma, graft rejection, graft-versus-host disease, immunodeficiencies, and infectious diseases.					
<b>3. WO/2016/142310 TRICYCLIC DLK INHIBITORS AND USES THEREOF</b>				WO	15.09.2016
C07D 491/14	PCT/EP2016/054725	F. HOFFMANN-LA ROCHE AG		ESTRADA, Anthony	
The invention relates to compounds of formula (I) and salts thereof, wherein ring A and R1-R2 have any of the values defined in the specification. The compounds and salts are useful for treating DLK mediated disorders. The invention also provides pharmaceutical compositions comprising a compound of formula (I), or a pharmaceutically acceptable salt thereof, as well as methods of using said compounds, salts, or compositions as DLK inhibitors and for treating neurodegeneration diseases and disorders.					

## 1. (WO2016141458) BISPHENOL ETHER DERIVATIVES AND METHODS FOR USING THE SAME


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

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**Pub. No.:** WO/2016/141458 **International Application No.:** PCT/CA2016/000070

**Publication Date:** 15.09.2016 **International Filing Date:** 11.03.2016

**IPC:** C07C 69/21 (2006.01), A61K 31/05 (2006.01), A61P 35/00 (2006.01), C07C 43/23 (2006.01), C07F 9/40 (2006.01) 

**Applicants:** BRITISH COLUMBIA CANCER AGENCY BRANCH [CA/CA]; 600 West 10th Avenue Vancouver, British Columbia V5Z 4E6 (CA).  
THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; University-Industry Liaison Office #103-6190 Agronomy Road Vancouver, British Columbia V6T 1ZE (CA)

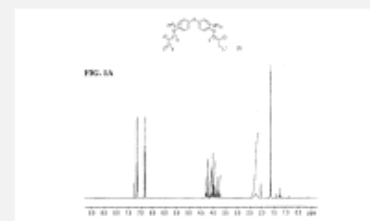
**Inventors:** ANDERSEN, Raymond John; (CA).  
JIAN, Kunzhong; (CA).  
SADAR, Marianne Dorothy; (CA).  
MAWJI, Nasrin R.; (CA).  
BANUELOS, Carmen Adriana; (CA)

**Agent:** DEETH WILLIAMS WALL LLP; 150 York Street, Suite 400 Toronto, Ontario M5H 3S5 (CA)

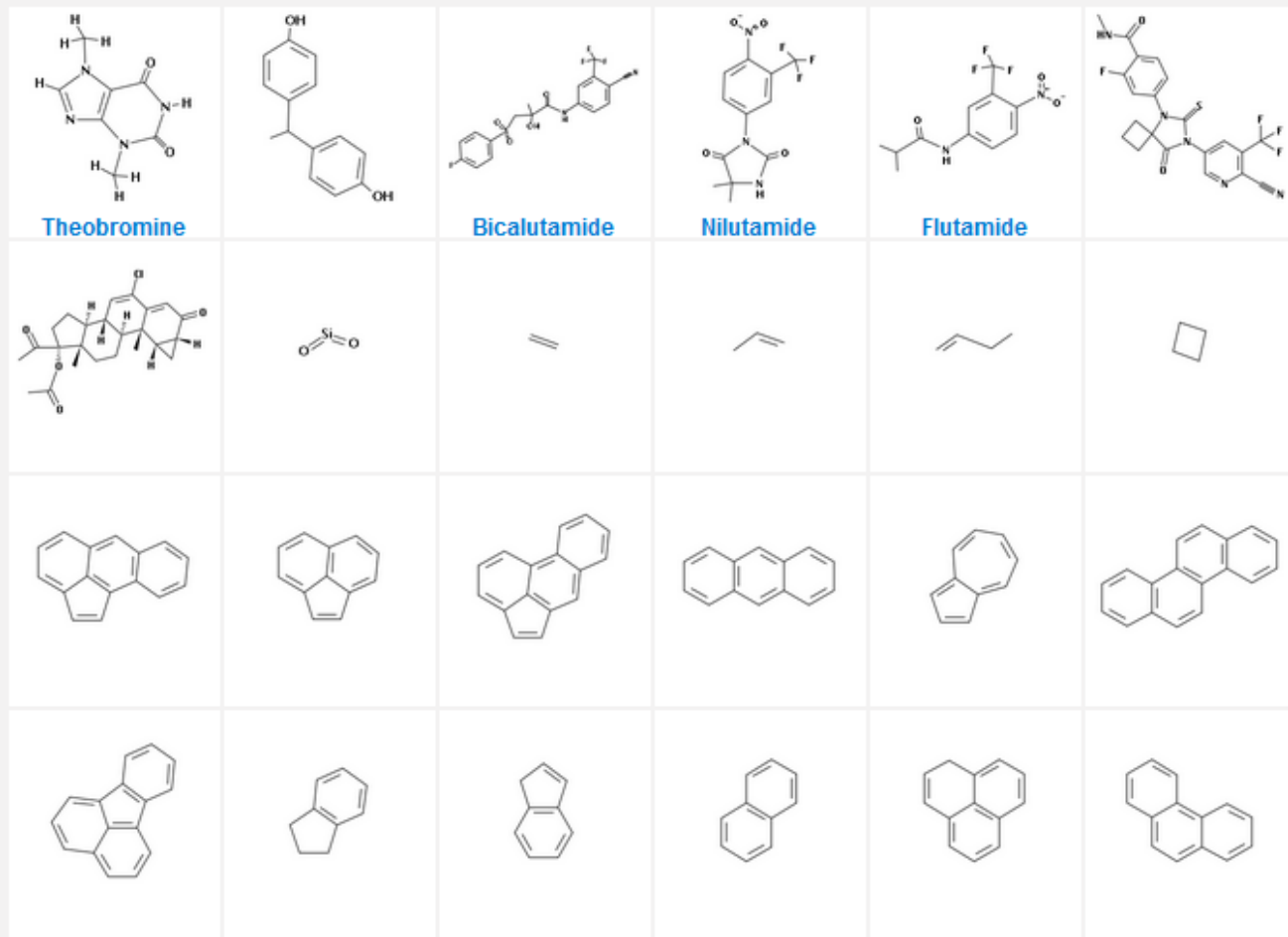
**Priority Data:** 62/131,969 12.03.2015 US

**Title** (EN) BISPHENOL ETHER DERIVATIVES AND METHODS FOR USING THE SAME  
(FR) DÉRIVÉS D'ÉTHÉR DE BISPHÉNOL ET LEURS PROCÉDÉS D'UTILISATION

**Abstract:** (EN) Compounds having a structure of Formula I, or a pharmaceutically acceptable salt, tautomer or stereoisomer thereof, wherein R<sup>1</sup>, R<sup>2</sup>, L<sup>1</sup>, L<sup>2</sup>, L<sup>3</sup>, X, a, b, c, n, and m are as defined herein, are provided. Uses of such compounds for modulating androgen receptor activity and uses as therapeutics as well as methods for treatment of subjects in need thereof, including prostate cancer are also provided.  
(FR) Cette invention concerne des composés ayant une structure de formule I : ou un sel, un tautomère ou un stéréoisomère pharmaceutiquement acceptable de ceux-ci, où R<sup>1</sup>, R<sup>2</sup>, L<sup>1</sup>, L<sup>2</sup>, L<sup>3</sup>, X, a, b, c, n et m étant tels que définis dans la présente. L'invention concerne également les utilisations de ces composés pour moduler l'activité du récepteur des androgènes et leurs utilisations comme substances thérapeutiques, ainsi que des méthodes destinées à traiter des sujets en ayant besoin, dont des sujets atteints de cancer de la prostate.



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







# Combine chemical search criteria with other criteria



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Stemming: true

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Refine Search (CTR:WO AND CHEM:(YAPQBXYLJRXSA-UHFFFAOYSA-N)) AND EN\_AB:chocolate

Search

RSS



Analysis

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

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/2002/074321		COMPOSITION COMPRISING COCOA AND A DOPAMINE D2 RECEPTOR AGONIST		WO	26.09.2002
A23L 1/30	PCT/NL2002/000184	N.V. NUTRICIA		TER LAAK, Wies	
The invention pertains to a composition and a method for the treatment of mood disorders, in particular of treating, preventing or alleviating depression, mood disorders or insufficient mood, obesity, overweight, premenstrual syndrome, craving, carbohydrate craving, chocolate craving, menopausal complaints, erectile dysfunction and/or reduced libido. The composition contains cocoa or one or more of its pharmacologically active components, and a dopamine D2 receptor agonist.					
2. WO/2002/078746		NOVEL CHOCOLATE COMPOSITION AS DELIVERY SYSTEM FOR NUTRIENTS AND MEDICATIONS		WO	10.10.2002
A23G 1/00	PCT/US2002/009597	ALTAFFER, 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; (C) from about 1 microgram to about 20 milligrams, more preferably from about 10 micrograms to about 10 milligrams, of one or more of: methyl tetrahydroisoquinoline, N-acylethanolamines, and/or anandamide and/or salsolinol per 1 gram of the chocolate product; (D) from about 0.2 to about 30 milligrams of at least one trace mineral per 1 gram of the chocolate product; and (E) from 0.6 to about 500 milligrams, more preferably from about 35 to about 100 milligrams, of one or more methylxanthine alkaloids per 1 gram of the chocolate product. The chocolate product used in this invention also preferably contains effective amounts of at least one chocolate aroma and at least one vanilla aroma.					

# International Non proprietary Names

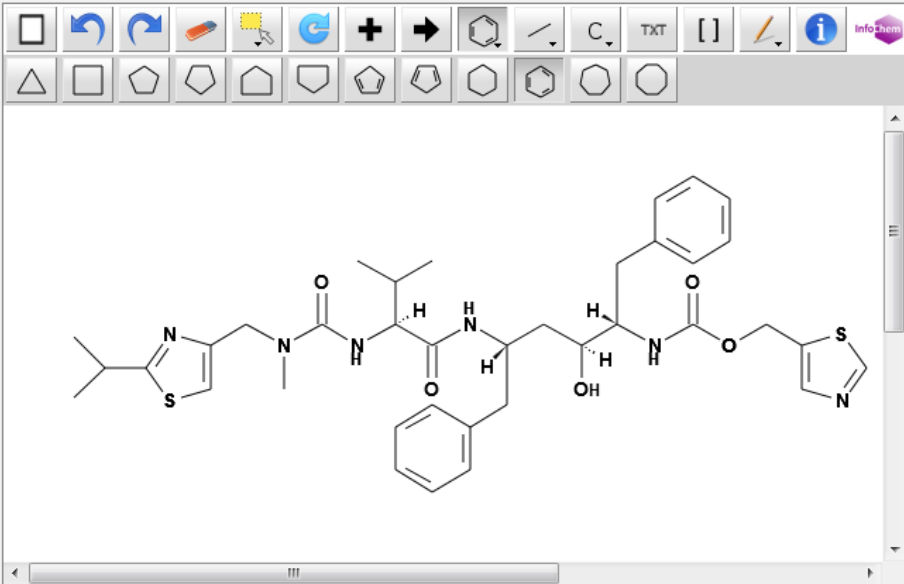
## WIKIPEDIA:

- INNs are official generic and non proprietary names given to a pharmaceutical drug or active ingredients issued by the World Health Organization (WHO).
- Growing need to be able to search INNs in patent texts
- PATENTSCOPE supports the search of 6917 INNs by Inchikey

# Example 2: ritonavir

Chemical compounds search [Help]

Structure editor Convert structure Upload structure



**InChI:** InChI=1S/C37H48N6O5S2  
/c1-24(2)33(42-36(46)43(5)20-29-22-49-35(40-29)25(3)4)34(45)39-28(16-26-12-8-6-9-13-26)18-32(44)31(17-27-14-10-7-11-15-27)41-37(47)48-21-30-19-38-23-50-30  
/h6-15,19,22-25,28,31-33,44H,16-18,20-21H2,1-5H3,(H,39,45)(H,41,47)(H,42,46)/t28-,31-,32-,33-/m0/s1

**InChIKey:** NCDNCNXCDXHOMX-XGKFQTDJSA-N

**Molecular C37H48N6O5S2**

**Formula:**

**Molecular Weight:** 720.9572 g/mol

**Weight:**

Search Reset

Results 1-10 of 5,738 for Criteria:CTR:WO AND CHEM:(NCDNCNXCDXHOMX-XGKFQTDJSA-N) Office(s):wo Language:All Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 574 Go >

Refine Search CTR:WO AND CHEM:(NCDNCNXCDXHOMX-XGKFQTDJSA-N)

Search

RSS






Analysis

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

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/1994/014436		RETROVIRAL PROTEASE INHIBITING COMPOUNDS		WO	07.07.1994
A61K 31/425	PCT/US1993/012326	ABBOTT LABORATORIES		KEMPF, Dale, J.	
A retroviral protease inhibiting compound of formula (A) is disclosed.					
2. WO/1995/007696		PHARMACEUTICAL COMPOSITION OF HIV-PROTEASE INHIBITORS		WO	23.03.1995
A61K 9/48	PCT/US1994/009788	ABBOTT LABORATORIES		AL-RAZZAK, Laman, A.	
A pharmaceutical composition is disclosed which comprises a solution of an HIV protease inhibiting compound in a pharmaceutically acceptable organic solvent comprising a pharmaceutically acceptable alcohol. The composition can optionally comprise a pharmaceutically acceptable acid or a combination of pharmaceutically acceptable acids. The solution can optionally be encapsulated in hard gelating capsule or soft elastic gelating capsules. The solution can optionally be granulated with a pharmaceutically acceptable granulating agent.					
3. WO/1995/009614		PHARMACEUTICAL COMPOSITION		WO	13.04.1995
A61K 9/14	PCT/US1994/010096	ABBOTT LABORATORIES		AL-RAZZAK, Laman, A.	
A solid pharmaceutical composition is disclosed which comprises a pharmaceutically acceptable adsorbent or a mixture of pharmaceutically acceptable adsorbents to which is adsorbed a mixture of (1) a pharmaceutically acceptable organic solvent or a mixture of pharmaceutically acceptable organic solvents, (2) an HIV protease inhibiting compound and (3) one or more pharmaceutically acceptable acids. The solid composition can optionally be encapsulated in a hard gelatin capsule.					

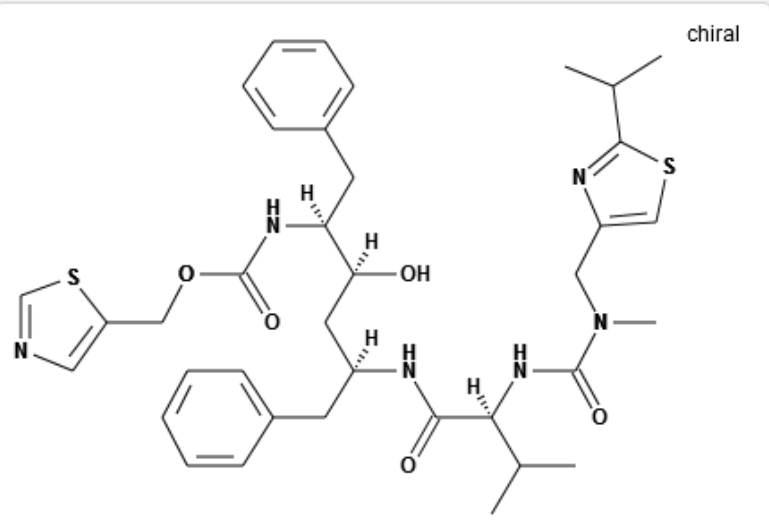


8. (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-thiazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane; or a pharmaceutically acceptable salt, ester or prodrug thereof.

9. (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-oxazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane; or a pharmaceutically acceptable salt

10. A compound selected from the group consisting of:  
 2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((2-Isopropyl-4-thiazolyl)methoxycarbonyl)amino)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-2-(N-(N-((2-N,N-Dimethylamino)-4-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((2-(4-Morpholinyl)-4-thiazolyl)methoxycarbonyl)amino)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-2-(N-(N-((2-(1-Pyrrolidinyl)-4-thiazolyl)methoxycarbonyl)amino)amino)-1,6-diphenyl-3-hydroxyhexane;

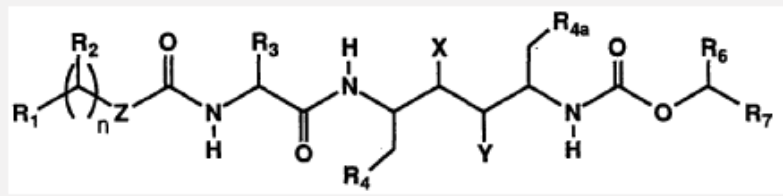
(2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-oxazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-thiazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-thiazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane; and  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-oxazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane; or a pharmaceutically acceptable salt, ester or prodrug thereof.



Ritonavir

amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-oxazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-thiazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-thiazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-thiazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-thiazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;  
 (2S,3S,5S)-5-(N-(N-((N-Methyl-N-((2-isopropyl-4-oxazolyl)methyl)-amino)carbonyl)valinyl)amino)-2-(N-((5-thiazolyl)methoxycarbonyl)amino)-1,6-diphenyl-3-hydroxyhexane;

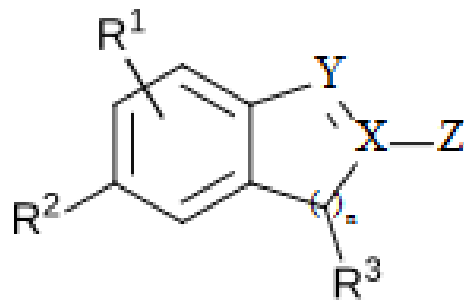
11. A compound of the formula:



wherein R<sub>1</sub> is monosubstituted thiazolyl, monosubstituted oxazolyl, monosubstituted isoxazolyl or monosubstituted isothiazolyl wherein the substituent is selected from (i) loweralkyl, (ii) loweralkenyl, (iii) cycloalkyl, (iv) cycloalkylalkyl, (v) cycloalkenyl, (vi) cycloalkenylalkyl, (vii) heterocyclic wherein the heterocyclic is selected from aziridinyl, azetidiny, pyrrolidinyl, piperidinyl, piperazinyl, morpholinyl, thiomorpholinyl, thiazolyl, oxazolyl, isoxazolyl, isothiazolyl, pyridinyl, pyrimidinyl, pyridazinyl and pyrazinyl and wherein the heterocyclic is unsubstituted or substituted with a substituent selected from halo, loweralkyl, hydroxy, alkoxy and thioalkoxy, (viii) (heterocyclic)alkyl wherein heterocyclic is defined as above, (ix) alkoxyalkyl, (x) thioalkoxyalkyl, (xi) alkylamino, (xii) dialkylamino, (xiii) phenyl wherein the phenyl ring is unsubstituted or substituted with a substituent selected from halo, loweralkyl, hydroxy, alkoxy and thioalkoxy, (xiv) phenylalkyl wherein the phenyl ring is unsubstituted or substituted as defined above, (xv) dialkylaminoalkyl, (xvi) alkoxy and (xvii) thioalkoxy;

# Scope

- Works on **developed complete exact formulas** ≠ Markush structures (-R) that are chemical symbols used to indicate a collection of chemicals with similar structures.



- Chemical elements, short names (less than 4 characters), common solvents and polymers are not annotated by design
- PCT and US national collections with IPC codes related to chemistry
- 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 the available patent full texts make the recognition of chemical compound even more challenging
- => Use it as a discovery tool knowing that the results are not exhaustive, nor all exact (precision, recall)



# PATENTSCOPE what's next?

Future Coverage:

- DK , FR, NZ , AU, old JP documents (between 1993 and 2003, and later after 1971)

# Monthly webinar

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## PATENTSCOPE Webinars

Webinars are used by WIPO to deliver information, training and updates on the [PATENTSCOPE search system](#) to a remote audience using the Internet.

Please [contact us](#) if your firm, company or organization is interested in attending a webinar on a particular topic.

### Quick links

- [Frequently asked questions](#)

# GLOBAL DATABASES, TOOLS, AND PLATFORMS FOR IP BUSINESS (FREE)

- PATENTSCOPE



- Global Brand Database

- Global Design Database

- WIPO Lex

- WIPO Pearl

# GLOBAL BRAND DATABASE

- Over 25 million records relating to internationally-protected trademarks, etc.
- Goal is to include all brand-related information from all sources
- Currently searches across multiple collections, including:
  - Trademarks registered under Madrid System
  - Appellations of Origin registered under Lisbon System
  - Emblems protected under the Paris Convention 6ter
  - Algeria, Australia, Brunei, Canada, Cambodia, Denmark, Egypt, Estonia, Indonesia, Israel, Japan, Laos, Mexico, Morocco, New Zealand, Oman, Papua New Guines, Philippines, Singapore, Switzerland, Tonga, UAE, US – with many more coming soon

# Global Brand Database

Video demo:

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

# Global Brand Database

Perform a trademark search by text or image in brand data from multiple national and international sources, including trademarks, appellations of origin and official emblems.

<b>Data from Papua New Guinea available</b> 2016-02-16 Over 23,000 records added	<b>Reports with images</b> 2016-01-21 PDF and HTML reports now include embedded images	<b>Data from the Republic of Korea available</b> 2015-11-20 Over 3,000,000 records added	<b>Moldovan data available</b> 2015-11-10 Over 35,000 records added	<b>Germa NEWS</b> <span>✕</span> Over 1,800,000 records added
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## SEARCH BY

Brand | Names | Numbers | Dates | Class | Country

**Text** =

**Image Class** =

**Goods (All)** =

**search** 🔍

## FILTER BY

Source | Image | Status | Origin | App. Date \* | Expiration \*

AE TM	39,540	AU TM	1,503,884	BN TM	38,002
CA TM	1,448,752	CH TM	367,508	DE TM	1,848,197
DK TM	282,649	DZ TM	26,187	EE TM	56,027
EG TM	75,567	EM TM	1,311,719	ID TM	755,527
IL TM	249,914	LA TM	37,031	JP TM	1,877,512
KH TM	69,078	KR TM	3,083,609	MA TM	135,386

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

1 - 30 / 25,047,218

TMview 🔗

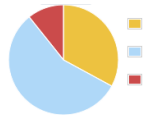
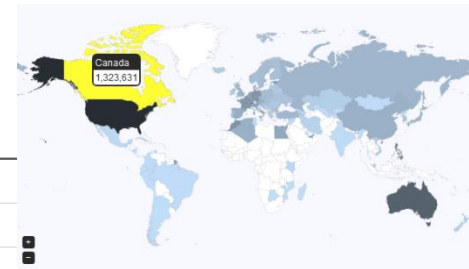
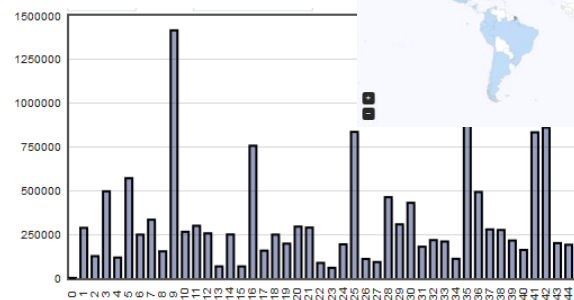
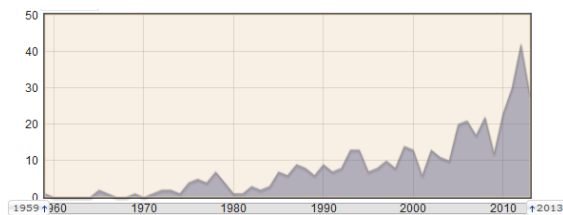
Display: 30 per page options ⊞

1 / 834,908

	Brand	Source	Status	Score	Origin	Holder	Number	App. Date	Image Class	Nice Class	Image
<input type="checkbox"/>	Arrowsmith	NZ TM	Pending	1	NZ	ARROWSMITH BRANDS LIMITED	1040442	2016-04-04	VC.24.15, VC.26.03	45	
<input type="checkbox"/>	BOSS	NZ TM	Pending	1	NZ	AUTOGROW SYSTEMS LIMITED	1040452	2016-04-04		9	
<input type="checkbox"/>	Raw Blends	NZ TM	Pending	1	NZ	NEW ZEALAND'S PATCH LIMITED	1040455	2016-04-04		39	
<input type="checkbox"/>	ONL	NZ TM	Pending	1	NZ	OCEANIA NATURAL LIMITED	1040449	2016-04-04		3, 5, 30, 32	
<input type="checkbox"/>	No Verbal Elements	NZ TM	Pending	1	NZ	Yun-Yi Wang	1040453	2016-04-04		3	
<input type="checkbox"/>	RIDEFAR Extra Virgin Coconut Oil	NZ TM	Pending	1	NZ	RIDEFAR LIMITED	1040445	2016-04-04	VC.05.07	29	
<input type="checkbox"/>	Kiwiadviser	NZ TM	Pending	1	NZ	Yevgen Bidnyy	1040447	2016-04-04		45	

# Global Brand Database – Features

- Single intuitive interface to search 30 data collections
- Image Search by example
- Interactive & dynamic search with immediate feedback
- Fuzzy, phonetic and word-stem matches
- Automatic term suggestion
- Easy search of US or Vienna image class
- Full Boolean, proximity and range options
- Unlimited, customizable results browsing
- Saved searches and record sets
- Instant, graphical data analysis



# IMAGE SEARCH

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





# How it works – Looking for logos similar to ‘Arla’

searches ▾ records ▾ help ▾

## Global Brand Database

NEWS

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.

**SEARCH BY**

Brand | Names | Numbers | Dates | Class | Country

Text =   
 Image Class =  
 Goods (All) ▾ =

1 - 30 / 25,034,570

Sort by

**FILTER BY**

Source | Image | Status | Origin | App. Date \* | Expiration \*







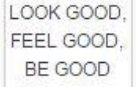
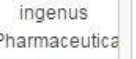

AE TM	39,540	AU TM	1,502,367	BN TM	38,002
CA TM	1,448,752	CH TM	367,273	DE TM	1,846,960
DK TM	282,597	DZ TM	26,187	EE TM	56,020
EG TM	75,567	EM TM	1,310,387	ID TM	755,518
IL TM	249,839	LA TM	37,007	JP TM	1,877,512
KH TM	69,073	KR TM	3,082,279	MA TM	135,386

Display: List ▾ Sort: Value - asc ▾

filter

Display: 30 per page options

1 / 834,486

									
HIERBABUEN, DELMEDIO, MENTHA, HEMINGWAY	KAROKA wellness	leadxpro	BIOTOOL	HN	BODUM	FARAWAVES	FIBERNOMICS	HACHENE	TOMAIL
BIONIC	COFFEE SOUL	MAXI BAZAR	Q FERMENTATIO	MET	BYSTRIC	almacasa SELBSTBESTI UMSORGT	MMS Pulse	LEADXPRO	medic jobs

1 - 30 / 25,034,570

Display: 30 per page options

1 / 834,486

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# Global Brand Database

NEWS

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.

## SEARCH BY

Brand Names Numbers Dates Class Country

Text =

Image Class =

Goods (All) ▾ =

search

CURRENT SEARCH

BRAND:arla \*

## FILTER BY

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

AE TM	4	AU TM	8	BN TM	0
CA TM	7	CH TM	1	DE TM	9
DK TM	63	DZ TM	0	EE TM	1
EG TM	10	EM TM	29	ID TM	11
IL TM	14	LA TM	4	JP TM	0
KH TM	4	KR TM	7	MA TM	0
MD TM	0	MX TM	11	NZ TM	5
OM TM	3	PG TM	0	PH TM	7
SG TM	24	TO TM	0	US TM	13

Display: List ▾ Sort: Value - asc ▾

filter

31 - 60 / 251

TMview

Display: 30 ▾ per page options

2 / 9

Sort by Origin - asc ▾



WO TM (Active)  
990596  
Arla  
2008-09-08 (DK)  
Arla Foods amba  
NC: 1, 5, 29, 30, 31, 32



31 - 60 / 251

Display: 30 ▾ per page options

2 / 9

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← back

(Information valid as of 2014-09-09)

## International Trademark



65 / 158

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

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

Zacco Denmark A/S  
Hans Bekkevolds Allé 7  
DK-2900 Hellerup (DK)

**(540) Mark**



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

**i** 05.05.20; 26.01.18; 29.01.13.

**(591) Information on the colors claimed**

Dark green; Yellow



Using Vienna Class – 05.05.20 (stylized flowers) and 26.01.18 (circles or ellipses containing one or more letters)

# 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 (All) ▾ = e.g. footwear, comput\*

search ↗

CURRENT SEARCH

IC:(05.05.20 AND 26.01.18) ✕

## FILTER BY

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

AE TM	0	AU TM	0	BN TM	0
CA TM	159	CH TM	0	DE TM	128
DK TM	0	DZ TM	17	EE TM	13
EG TM	2	EM TM	17	ID TM	0
IL TM	0	LA TM	2	JP TM	613
KH TM	48	KR TM	181	MA TM	0
MD TM	7	MX TM	159	NZ TM	45
OM TM	0	PG TM	0	PH TM	49
SG TM	0	TO TM	0	US TM	0

Display: List ▾ Sort: Value - asc ▾

filter ▾

1 - 30 / 1,484

TMview ↗

Display: 30 per page options ⚙

1 / 50

Sort by Origin - asc ▾



1 - 30 / 1,484

Display: 30 per page options ⚙

1 / 50

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Using Image Search – drag image from results to image filter

# Global Brand Database

NEWS

international sources, including trademarks, appellations of origin and official emblems.

## SEARCH BY

Brand Names Numbers Dates Class Country

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

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

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

search 🔍

CURRENT SEARCH

BRAND:arla ✕

## FILTER BY

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

1 Pick an image

browse 🖼️

or

drag an image here

2 Pick a strategy

Shape

Color

Texture

Composite

3 Pick an image type

Verbal

Nonverbal

Combined

Unknown

16

0

142

19

filter ▾



31 - 60 / 251

TMview ⌄

Display: 30

per page

2

/ 9

Sort by Origin - asc ▾



31 - 60 / 251

Display: 30

per page

options ⌄

2


/ 9

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Select a search strategy and, optionally, what type of image to look for and all images are sorted by similarity to your source image

**FILTER BY**

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

Pick an image  delete

Pick a strategy

- Shape
- Color
- Texture
- Composite

Pick an image type

Verbal	0
Nonverbal	1,522,717
Combined	6,865,315
Unknown	0

filter

CURRENT FILTER

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

1 - 60 / 8,388,032 TMview

Display: 60 per page options

Sort by Score - desc



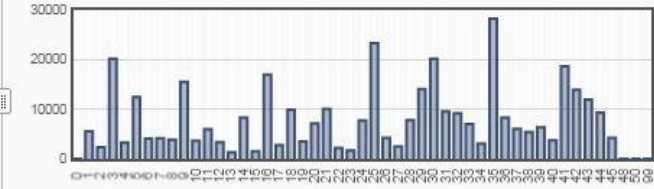


Combine with Vienna class – or any other terms or filters. The image filter will sort matching records accordingly.

search

CURRENT SEARCH  
IC:flower

FILTER BY  
Status Origin App. Date \* Expiration \* Nice Cl. \*



Display: Chart Sort: Value - asc filter

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

1 - 60 / 188,338 TMview Display: 60 per page options 1 / 3,139

Sort by Score - desc


# GLOBAL DATABASES, TOOLS, AND PLATFORMS FOR IP BUSINESS (FREE)

- PATENTSCOPE

- Global Brand Database



- Global Design Database

- WIPO Lex

- WIPO Pearl



# GLOBAL DESIGN DATABASE

- URL: <http://www.wipo.int/designdb>
- Launched on January, 9<sup>th</sup> 2015.
- Free of charge simultaneous design-related searches across multiple collections, including:
  - designs registered under the Hague System
  - national design collections of CA, ES, JP, NZ, US
  - other national collections, including DE, KR and EM coming soon

# Global Design Database

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

## SEARCH BY

Design | Names | Numbers | Dates | Country

Indication of Products ▾ =

Design class ▾ =  >

Description ▾ =

search 🔍

## FILTER BY

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

CA Designs	<b>153,343</b>	ES Designs	<b>93,809</b>
JP Designs	<b>479,755</b>	NZ Designs	<b>44,187</b>
US Designs	<b>483,493</b>	WO Designs	<b>41,016</b>







Display: List ▾ Sort: Value - asc ▾

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1 - 10 / 1,295,603

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10 per page 1 / 129,561

Reg. No	Source	Holder	Reg. Dat	Locarn	Nation	Ind. Prod.	Designations	Designs	Image
ES700000000	ESID	ANDRÉS MORENO TORRES	2015-08-3	11-02		Esculturas	ES	9	
ES700000000	ESID	SERGIO PESTAÑA CAMACHO	2015-08-3	02-02		CHALECOS	ES	4	
ES700000000	ESID	F2WORK TRABAJOS ESPECIALES S.L.	2015-08-3	06-03		Banco de trabajo	ES	5	
ES700000000	ESID	INNOVACION BAÑO, S.L.	2015-08-2	23-01		VALVULA DE DESAGÜE PARA SANITARIOS	ES	1	
157901	CA ID	HUSQVARNA AB	2015-08-2		CA.003-	CONNECTOR NUT	CA	1	
150851	CA ID	ECO GUTTER IP HOLDINGS PTY LTD.	2015-08-2		CA.018-	GUTTER SECTION	CA	1	

# Search by national classification as well as Locarno

## 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
- JP.C5-41100F: Pots, Grills, Hot Plates - **Waffle** Iron Style
- US.D07-410: - Warming or cooking - Grid, grille, holder - **Waffle**

### FILTER

CA Des:

JP Des:

#### 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

← back

◀ 1/2 ▶

## Hague Registration

Current Status **History**

### Designated contracting parties:

**All** EM

### Invalidation: EM: Bulletin No. 41/2012

**(11) Registration Number**

DM/070593

**(73) Name of holder**

LIMITED LIABILITY COMPANY "LOGOS"  
249, Geroev Stalingrada Street, Dnipropetrovsk (UA)

**(81) Designated Contracting Party which pronounced the invalidation, followed by its effective date where that date was communicated to the International Bureau**

EM; 03.05.2012

**(58) Date of recording in the International Register**

11.09.2012

### Statement of Grant of Protection: EM: Bulletin No. 10/2008

**(11) Registration Number**

DM/070593

**(81) Designated Contracting Party which made the notification**

EM

**(58) Date of recording in the International Register**

01.10.2008

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





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WIPO Lex is a one-stop **search facility** for national laws and treaties on intellectual property (IP) of WIPO, WTO and UN Members. It also features related information which elaborates, analyzes and interprets these laws and treaties. It provides streamlined access to reference material of key importance for optimal information on the global IP System.

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 Genetic Resources  
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 Industrial Designs  
 Industrial Property  
 IP Regulatory Body  
 Layout Designs of Integrated Circuits  
 Patents (Inventions)  
 Plant Variety Protection  
 Trade Names  
 Trademarks  
 Traditional Cultural Expressions  
 Traditional Knowledge (TK)  
 Transfer of Technology  
 Undisclosed Information (Trade Secrets)  
 Utility Models  
 Other

## News on IP Laws

December 10, 2013 [South Africa: The Intellectual Property Laws](#)  
 shall come into force on a date to be fixed by the Minister of Trade and Industry. The new laws will provide for the protection of indigenous knowledge and to create a system for the protection of indigenous knowledge in South Africa. To that end, it amends the existing intellectual property laws, namely, the Performance Rights Act 1993 and the Designs Act 1993.

October 18, 2013 [Philippines: The BOT Office Order No. 13-06, Series of 2013, on the Implementation of the Guidelines for Office Order No. 13-061, Series 2013, on Trademark Applications with Priority Right Claim](#), issued by the Bureau of Trademarks (BOT) on October 18, 2013, provides for the guidelines to ensure the accurate implementation of the Office Order No. 13-061, which became effective on May 2, 2013. These guidelines primarily refer to the pending trademark applications at the time the Order became effective, the requirement of a copy of the foreign application as a basis for claiming convention priority, the application of goods and services in the Philippines compulsorily covered by the applications used as basis for claiming convention priority, the national applications where fees are not paid in full, the notice of registration of foreign application to the IP office of the Philippines (the IPOPHL) and the conditions for exemption from conformity to the list of goods and services in the foreign registration for the trademark applications for goods and services in the Philippines.

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Iran (Islamic Republic of) (30)  
Iraq (63)  
Ireland (148)  
Israel (67)  
**Italy (162)**

Subject Matter

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## Italy (162 texts)

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[Geographical Indications \(34 texts\)](#) | [Treaty Approvals \(1 texts\)](#) | [Treaty Membership \(95 texts\)](#) |

[Relevant links](#)



### Laws

#### Constitution / Basic Law (Date of current version)

- [Constitution of the Republic of Italy \(2012\)](#)

#### Main IP Laws: enacted by the Legislature (Date of current version)

- [Industrial Property Code \(Legislative Decree No. 30 of February 10, 2005, as amended up to Decree-Law No. 1 of January 24, 2012, converted into law with changes by Law No. 27 of March 24, 2012\) \(2012\)](#)
- [Law No. 633 of April 22, 1941, for the Protection of Copyright and Neighboring Rights \(as amended up to Decree-law No. 64 of April 30, 2010\) \(2010\)](#)
- [Legislative Decree No. 219 of April 24, 2006 on the Implementation of Directive 2001/83/EC \(& Subsequent Amending Directives\) on the Community Code on Medicinal Products for Human Use, and the Directive 2003/94/EC \(2006\)](#)
- [Law No. 109 of June 25, 2005 Conversion into Law, with Amendments of the Decree-Law No. 63 of April 26, 2005 Containing Urgent Provisions for the Development & Territorial Cohesion, as well as for the Protection of Copyright. Provisions Concerning the Adoption of Single Texts on Compulsory & Supplementary Insurance \(2005\)](#)
- [Legislative Decree No. 224 of July 8, 2003 Implementation of Directive 2001/18/EC on the Deliberate Release of Genetically Modified Organisms \(2003\)](#)
- [Regional Act No.11 of 2002 on Protection of Autochthonous Genetic Resources of Agricultural Interest \(2002\)](#)
- [Legislative Decree No. 204 of March 15, 1996 on Amendments and Additions to Legislative Decree No. 685 of 16 November, 1994 concerning Right of Lease and other Copyright-Related Rights \(1996\)](#)

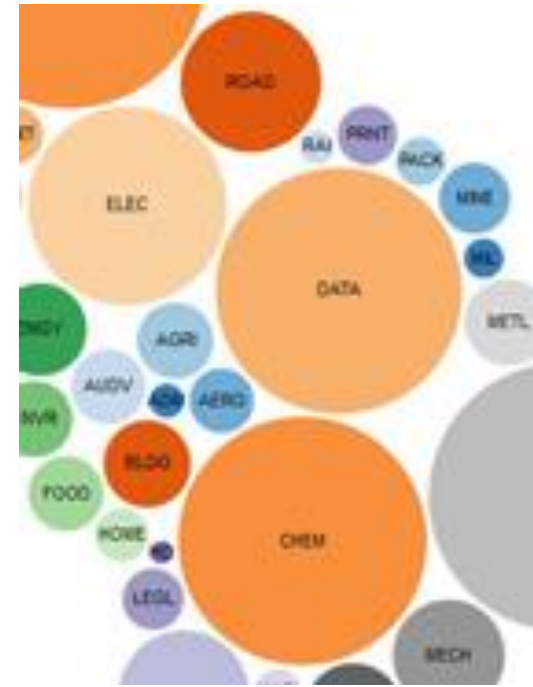
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# WIPO Pearl

- WIPO's online terminology database
- 16'000 concepts, 110'000 terms
- 10 languages
- Contents validated by WIPO language experts and terminologists
- <http://www.wipo.int/wipopearl/search/home.html>



# Other systems

- WIPO IPAS, WIPO DAS
- WIPO CASE
- WIPO RE:SEARCH
- WIPO GREEN...



# Take home highlights

- PATENTSCOPE: very powerful full text patent prior art search engine: advised to be used in conjunction with fee-based professional systems for comprehensive searches
- Try WIPO\*Translate for Chinese/Japanese patent texts
- Global Brand Database: use for internet domain names and trademark searches. Try Image similarity search when Vienna classification searches do not perform

Thank you for your attention