



ASEAN PATENTSCOPE Service

Juneho Jang
Senior Regional Manager

Public Rollout of ASEAN PATENTSCOPE Service

The first online platform for access to quality regional patent resources was launched publicly on 29 August 2017.

29 August 2017

The image displays the ASEAN PATENTSCOPE interface, which is a central hub for regional patent resources. The main interface features a search bar, a map of Southeast Asia, and a table of patent statistics. The table is as follows:

Country	Patents	Applications	Publications (2015-2016)
Brunei	1200	1000	1000
Cambodia	10	10	10
Indonesia	10000	10000	10000
Malaysia	10000	10000	10000
Philippines	10000	10000	10000
Singapore	10000	10000	10000
Thailand	10000	10000	10000
Vietnam	10000	10000	10000

The interface also includes a sidebar with various search filters and a main content area displaying search results. The ASEAN PATENTSCOPE logo is prominently displayed in the center. The interface is surrounded by the flags of the ASEAN member states: Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, and Thailand.

<http://ipsearch.aseanip.org/>

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Motivation

- ASEAN IP Offices to deliver better services to their stakeholders through online public and regional search platform
- Facilitate exchange of published data and documents with regional and international systems (including file statuses)
- Public search website with multilingual support and powerful features to assist users

ASEAN PatentScope









- **Regional Online Platform** for Dissemination of Patent Dossier Information
 - **Centralized access** to patent dossier information published by IP Offices of ASEAN Member States
 - **Data Sharing Platform** with international global IP systems, such as WIPO CASE for patent examiners, WIPO PATENTSCOPE and IP5 Global Dossier Systems for public users
 - **Online Search Services** powered by WIPO Software System (i.e. WIPO Publish)
 - **Enhanced ASEAN Cross-border collaboration** among stakeholders, including research community

Current Status

- ASEAN PATENTSCOPE is now operational with 8 Offices (**BN, ID, KH, MY, PH, SG, TH** and **VN**)
- System developed by WIPO through the support of the Japan Funds-in-Trust for Industrial Property
http://www.wipo.int/cooperation/en/funds_in_trust/japan_fitip_aspac/index.html
- Infrastructure hosted by DIP Indonesia
- Platform powered by WIPO Publish software system, based on Solr search engine and supported by WIPO
- Initial setup offers free access to over 500,000 ASEAN patent applications with complete patent family data, including bibliographic data, drawings and citations based on WIPO Standard ST.36 (XML)

ASEAN PatentScope

- Official Launch: July 17, 2017 for ASEAN Offices only.
- Public Release: August 29, 2017 at IP Week @SG, Singapore

Flag	Country	Applications	Publication date range
	Brunei	1256	1985.01.09 - 2017.04.10
	Cambodia	15	2015.03.04 - 2017.04.11
	Indonesia	107808	1987.12.02 - 2017.07.07
	Malaysia	151148	1986.08.18 - 2017.06.18
	Philippines	16987	2012.01.09 - 2016.12.23
	Singapore	39742	2010.10.28 - 2017.03.30
	Thailand	123946	1980.08.13 - 2017.06.23
	Vietnam	55233	1997.05.25 - 2017.06.26

Approved at July AWGIPC

- Data Issues
 - Missing PCT national phase entry details
 - Some priority claim details
 - Improvement of IPC classification edition information captured in file
 - Missing publication date information
 - File status missing or not up to date
- Data Coverage: Full-text published documents
- Customization of User Interface
- Update?

Promotion of ASEAN PatentScope

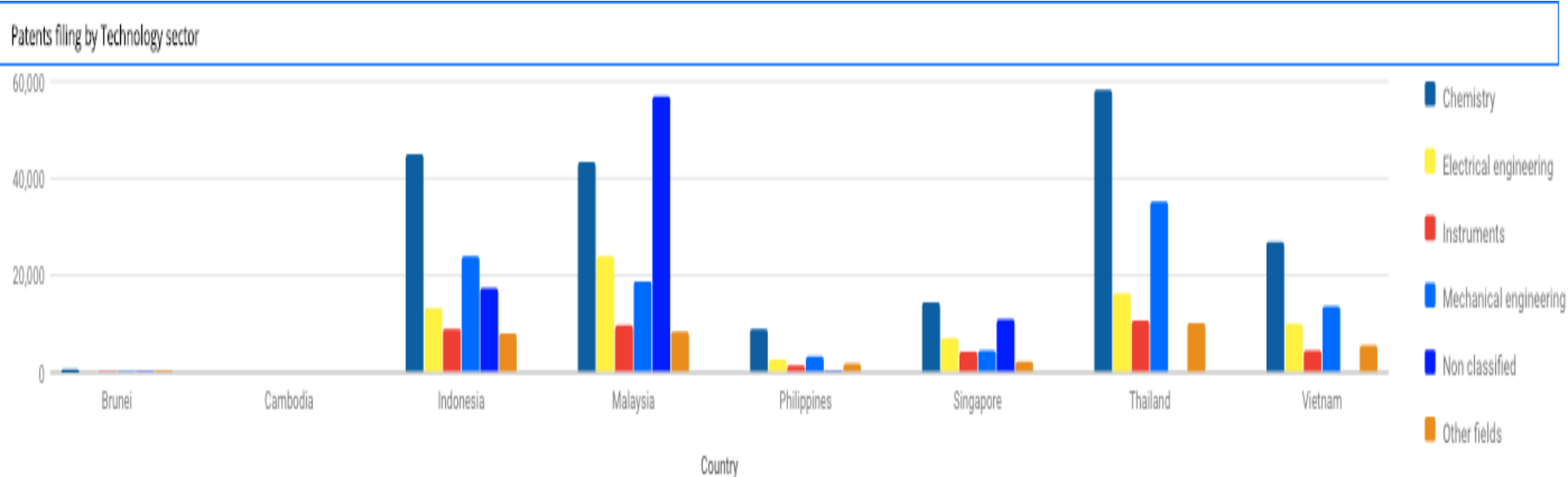
- Production of ASEAN PatentScope Manual and Online Video in English and Support translation into local language
- Customization of User Interface
- Organization of National Workshop to promote the use of ASEAN PatentScope among stakeholders
- National Promotion of the Use of PatentScope among the general public and R&D communities at the future World IP Day Event

Mandate to ASEAN IT Group

- 1st ASEAN PatentScope Coordinator Meeting: September 18 to 22, 2017, Lombok, Indonesia
 - Country-level data status: Survey
 - Automated data synchronization
 - Data scope to be agreed: inclusion of published documents?
 - Complete Workflow Optimization & Data Management Project (Data Cleaning, Digitization)
 - Operations and Maintenance of ASEAN PatentScope Server

ASEAN PatentScope Services

- Patents filing by Technology Sector



ASEAN PatentScope Services

- Patent Family



ASEAN PATENTSCOPE

BIBLIOGRAPHIC	DOCUMENT LIST	STATUS	PATENT FAMILY
APPLICATION/PRIORITY			
CN201510599658.3		2015-09-18	CN105459279.A.2016-04-06
JP2014195169		2014-09-25	
JP2014195169		2014-09-25	JP2016064476.A.2016-04-28
KR1020150128906		2015-09-11	KR1020160036484.A.2016-04-04
JP2014195169		2014-09-25	
MY2015703036		2015-09-08	MYPI 2015703036.A.2017-03-08
JP2014195169		2014-09-25	
US14/860,194		2015-09-21	US20160091887.A1.2016-03-31
JP2014195169		2014-09-25	

ASEAN PatentScope Services

- Translation



ASEAN PATENTSCOPE

BIBLIOGRAPHIC DOCUMENT LIST STATUS PATENT FAMILY

Patents Application : TH 16030008

Application Type	อนุสิทธิบัตร (เคมี)	Application SubType	
(10) Reg. # and Date	12799 2017.06.23	Status Code	Registered
(20) Filing # and Date	TH 1603000863 2016.05.19	(40) Pub. # and Date	TH 12799
(86) PCT Filing # and Date		(87) PCT Pub. # and Date	
(85) National Entry Date			
(30) Priority Details			
(51) IPC Classes	C12Q 1/00 (2006.01)		
(71/73) Applicant			
(72) Inventor			
(74) Representative Name	(TH) นางสาว อรุณศรี ศรีชนะอิทธิพล, นางสาว สมรลักษณ์ แจ่มแจ้ง, นาง รัชดา เรืองสิน		
(54) Title	(TH) "อนุภาคนาโนฟลูออเรสเซนต์ติดฉลากแอนติบอดีสำหรับการตรวจจับสนะเร็ง และกรรมวิธีการเตรียมอนุภาคนาโนดังกล่าว"		
(57) Abstract	(TH) แก๊ซ 03/03/2560 การประดิษฐ์นี้เป็นการพัฒนาอนุภาคซิลิกาโนบรจุสารฟลูออเรสเซนต์เพื่อใช้ตรวจจับสนะเร็ง โดยอนุภาคนาโนนี้เป็นอนุภาคนาโนพลาสมอนิกไซยานิน 5 (Cy5) ซึ่งจะถูกดัดแปลงพื้นผิวให้ถูกปกคลุมด้วยโปรตีนที่มีคุณสมบัติในการจับจำเพาะกับส่วน Fc ของ แอนติบอดีซึ่งทำให้เกิดการรวมกันบริเวณที่ใช้จับกับ แอนติเจน ดังนั้นเมื่อใช้แอนติบอดีที่มีความสามารถในการจับจำเพาะกับเซลล์มะเร็งเป้าหมายมาติดฉลากบน พื้นผิวของอนุภาคนาโนประสิทธิภาพในการตรวจวัด เซลล์มะเร็งด้วยเทคนิคทางฟลูออเรสเซนต์ได้ดียิ่งขึ้นเมื่อเปรียบเทียบกับวิธีการติดฉลากแบบโคเวเลนต์ที่ไม่มีการควบคุมทิศทางของแอนติเจนถูกรบกวนและส่งผลให้ ประสิทธิภาพในการจับแอนติเจนลดลง อนุภาคนาโนบรจุสาร Cy5 ที่ติดฉลากแอนติบอดีที่เตรียมได้จากการประดิษฐ์นี้สามารถฟลูออเรสเซนต์ รวมถึงการถ่ายภาพ ฟลูออเรสเซนต์ในสัตว์ทดลอง ซึ่งเป็นประโยชน์ต่อการนำไปพัฒนาต่อยอดสำหรับการตรวจวัดมะเร็งที่มีความไวและคว		

Select Language Powered by Google Translate
 English
 Afrikaans
 Albanian
 Amharic
 Arabic
 Armenian
 Azerbaijani
 Basque
 Belarusian
 Bengali
 Bosnian
 Bulgarian
 Catalan
 Cebuano
 Chichewa
 Chinese (Simplified)
 Chinese (Traditional)
 Corsican
 Croatian
 Czech
 Danish
 Dutch
 Esperanto
 Estonian
 Filipino
 Finnish
 French

ารเซลล์ในช่วง โกล
 ทิศทาง โดยป้องกันไม่ให้
 าคที่มีความไวและเพิ่ม
 ที่ใช้สำหรับจับกับ
 ร์โฟลวไรโซ ไดมเมอร์ อิมมูโน
 ารเขตชนิดไซยานิน

Current Status

- Establishment of national data sharing platforms is underway for 8 Offices

Office	IP System	Data Source
BN	WIPO IPAS	WIPO Publish
ID	WIPO IPAS	WIPO Publish
MY	Office-Specific	WIPO Publish
PH	WIPO IPAS	WIPO Publish
TH	Office-Specific	WIPO Publish
KH	WIPO IPAS	WIPO Publish
SG	Office-Specific	WIPO Publish
VN	Office-Specific	WIPO Publish

- Review and improvement of data as appropriate, currently for PH data

Data Management Project in ASEAN

	Office	Workflow Optimization	Data Cleaning	Full-text Digitization
1	Brunei			Planned
2	Cambodia	✓	✓	✓
3	Indonesia	✓	On-going	Planned
4	Philippines	✓		
5	Lao PDR			Planned
6	Malaysia			
7	Myanmar	Planned		
8	Singapore			
9	Thailand	✓	On-going	Planned
10	Viet Nam	Planned	Planned	Planned

WIPO IPAS Usage – ASEAN (as of 2017)



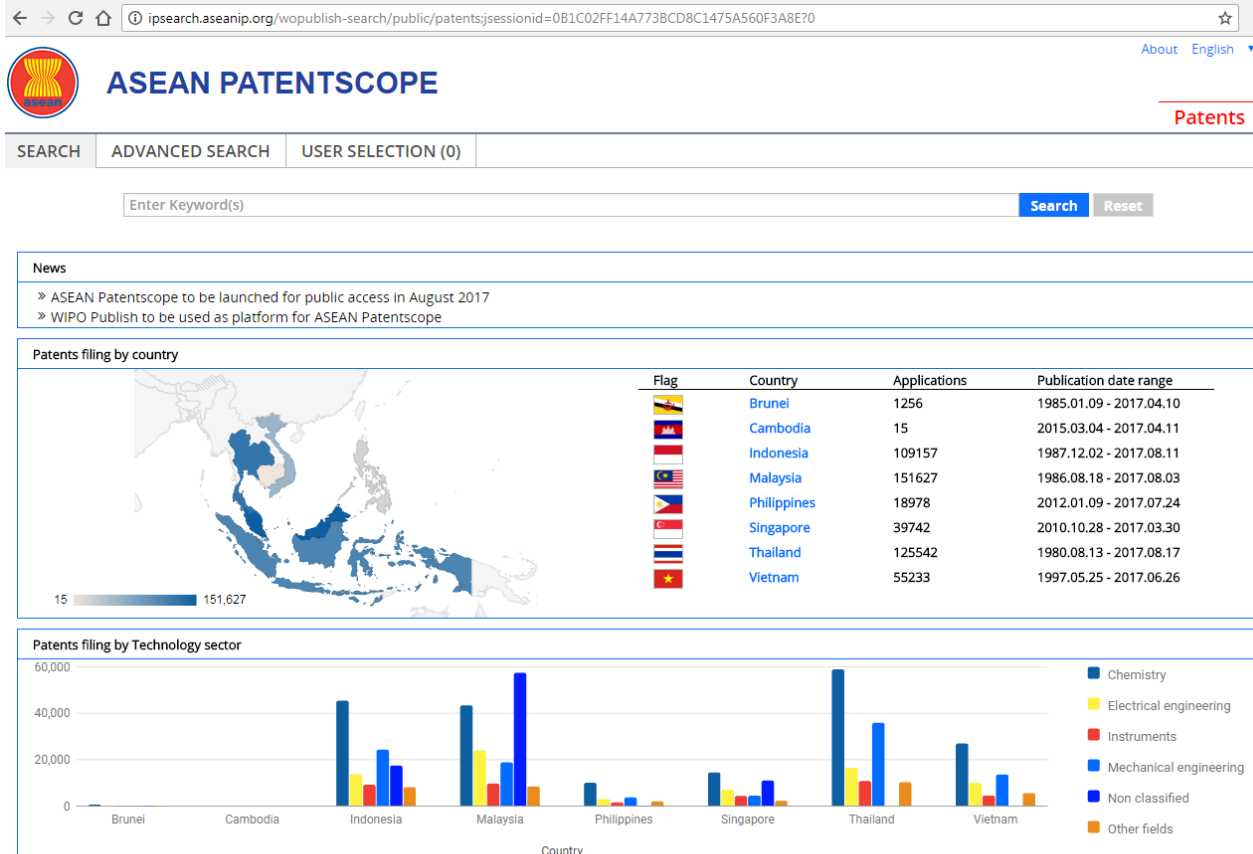
- Brunei
- Cambodia
- Indonesia
- Lao PDR
- Philippines

WIPO IP Office Systems Usage - ASEAN

	Office	WIPO IPAS + Madrid Module	WIPO Publish	WIPO CASE Depositing	WIPO File
1	Brunei	✓	✓	✓	Planned
2	Cambodia	✓	✓		✓
3	Indonesia	✓	✓		✓
4	Philippines	✓	✓		
5	Lao PDR	✓	✓		
6	Malaysia		✓		
7	Myanmar	Planned	Planned		
8	Singapore			Planned	
9	Thailand		✓		
10	Viet Nam		✓		

Regional Platform for Dissemination of Patent Dossier Information

- Online platform to access technological information / patent dossier information in ASEAN region



Data Sharing Platform with International Global IP Systems

National Office Patent Databases



ASEAN PATENTSCOPE

<http://ipsearch.aseanip.org>

PATENTSCOPE
WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search International and National Patent Collections

Results: 1 to 10 of 64,657,467 for Criteria: Official IP Languages: EN

1. IPC: 2005/0111801 (1) EMERGENCY CALL DEVICE
 2. IPC: 2005/0111802 (2) METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

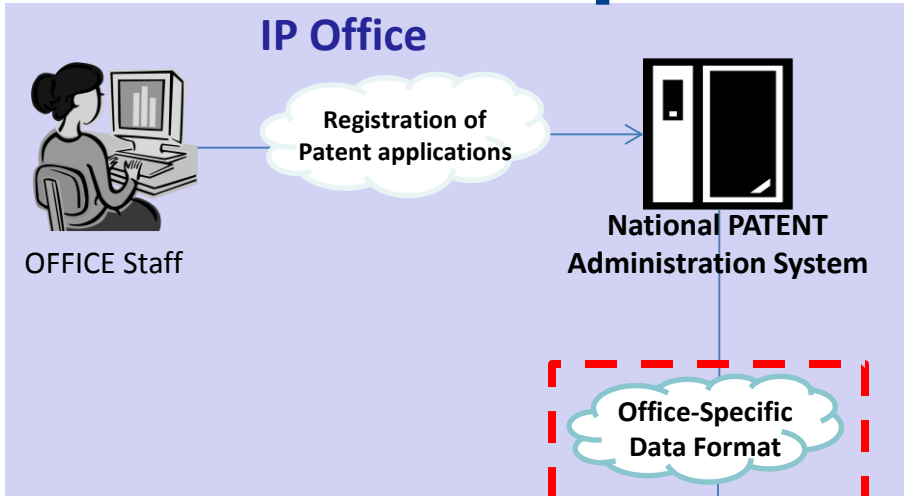
Data Sharing with WIPO global databases and international global IP systems

WIPO CASE

Applicant Number	IPC Class	IPC Class	IPC Class	IPC Class	IPC Class	IPC Class	IPC Class	IPC Class	IPC Class
...

WIPO CASE

Data Source: Office-specific format or ST.36



WIPO PATENTSCOPE

Search International and National Patent Collections

Results 1-10 of 57,576,704 for Criteria: Office:All Language:EN Stemming: true

Int Class	Appl No	Title	Applicant	IPC	PubDate
A01K 67/027	15207388	METHODS AND COMPOSITIONS FOR GENERATING A MOUSE	REGENERON PHARMACEUTICALS, INC.	US	03.11.2016
A01K 67/027	15207281	ES Cell-Derived Mice From Diploid Host Embryo Injection	REGENERON PHARMACEUTICALS, INC.	US	03.11.2016

Data Sharing with WIPO
global databases and international
global IP systems

ASEAN PATENTSCOPE

SEARCH ADVANCED SEARCH USER SELECTION (0)

Enter Keyword(s)

News

- ASEAN Patentscope to be launched for public access on 26th April
- WIPO Publish to be used as platform for ASEAN Patentscope

Patents filing by country

Flag	Country	Applications	Publication date range
	Brunei	1256	1985.01.09 - 2017.04.10
	Cambodia	15	2015.03.04 - 2017.04.11
	Indonesia	103598	1987.12.02 - 2017.03.31
	Malaysia	150040	1986.08.18 - 2017.04.12
	Philippines	8396	1900.01.01 - 1900.01.01
	Singapore	39742	2010.10.28 - 2017.03.30
	Thailand	116705	1985.01.02 - 2017.04.20

Patents filing by Technology sector

Country	Chemistry	Electrical engineering	Instruments	Mechanical engineering	Other fields
Brunei	~10,000	~5,000	~2,000	~1,000	~1,000
Indonesia	~45,000	~15,000	~10,000	~25,000	~10,000
Cambodia	~5,000	~2,000	~1,000	~1,000	~1,000
Malaysia	~45,000	~25,000	~15,000	~20,000	~10,000
Philippines	~15,000	~5,000	~2,000	~1,000	~1,000
Singapore	~15,000	~5,000	~2,000	~1,000	~1,000
Thailand	~55,000	~15,000	~10,000	~35,000	~10,000

WIPO CASE

Application Number: MYP120000344

View Application View Time Subscribes Family Subscribes Update Indicators

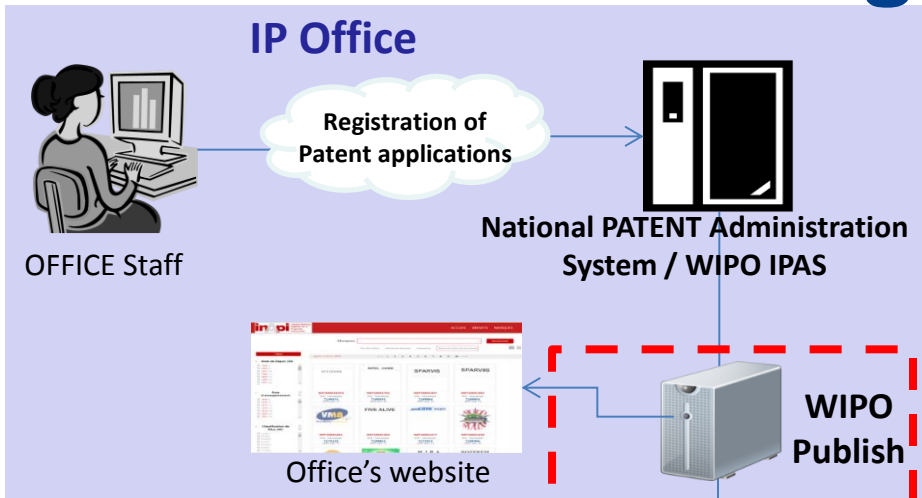
US09488269

MYP200000344

EP0000226

EP2000901190

Data Source: ST.36 using WIPO Publish



WIPO PATENTSCOPE

Search International and National Patent Collections

Results 1-10 of 57,576,704 for Criteria: Office:All Language:EN Stemming: true

Int. Class.	Appl. No.	Title	Applicant	IPC	PubDate
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Data Sharing with WIPO global databases and international global IP systems

ASEAN PATENTSCOPE

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	Malaysia	150040	1986.08.18 - 2017.04.12
	Philippines	8396	1900.01.01 - 1900.01.01
	Singapore	39742	2010.10.28 - 2017.03.30
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Cambodia	~10,000	~5,000	~2,000	~1,000	~1,000
Malaysia	~45,000	~25,000	~15,000	~20,000	~10,000
Philippines	~10,000	~5,000	~2,000	~1,000	~1,000
Singapore	~15,000	~5,000	~2,000	~1,000	~1,000
Thailand	~55,000	~15,000	~10,000	~25,000	~10,000

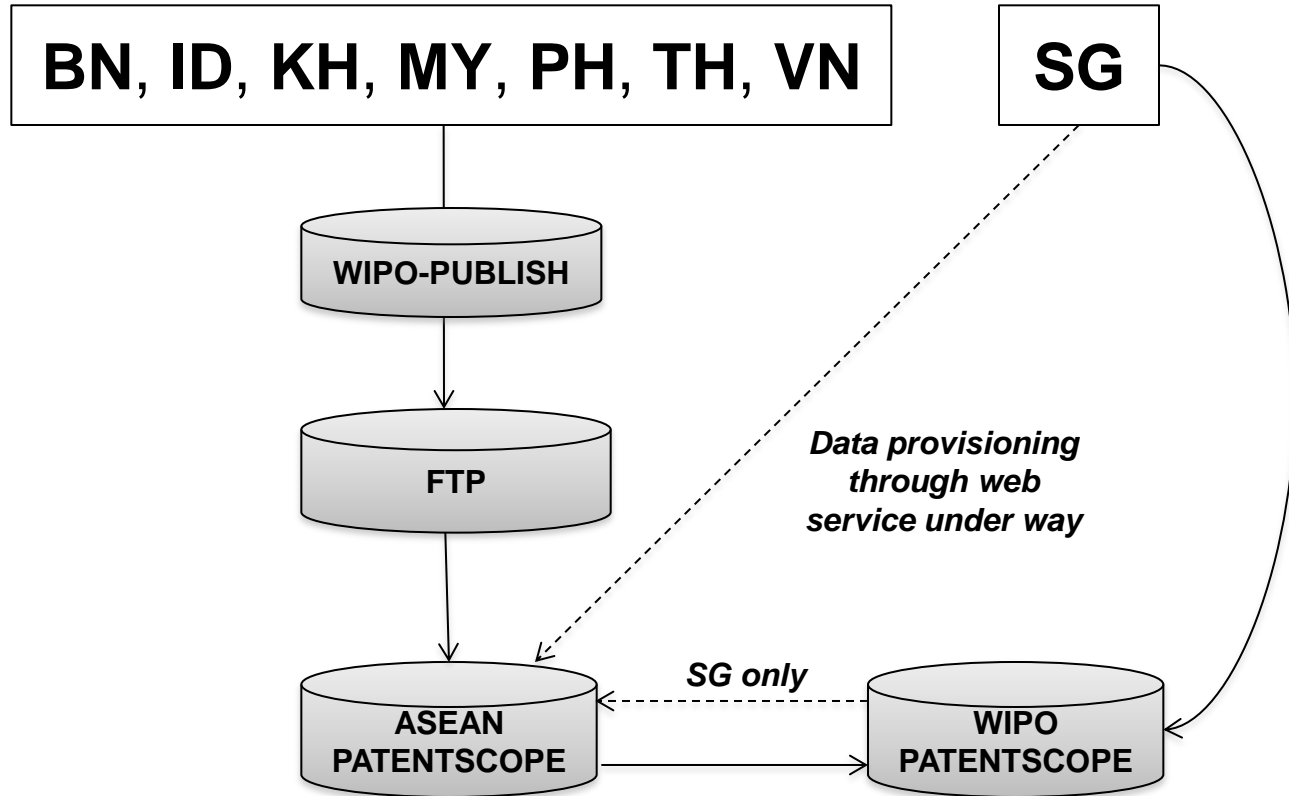
WIPO CASE

Application Number: MYP120000344

View Application | View Time | Subscribes | Family Subscribes | Update Indicators

Family members: US09488269, MYP200000344, EP0000226, EP2000901100

Data Source



Weekly Updates

- Data loading automated and monitored by WIPO
- Non-English titles and abstracts are machine-translated by using google translation service
- Daily updates from individual IP Offices to a central server hosted by DGIP Indonesia
- Weekly updates on ASEAN PATENTSCOPE (every Friday night)
- Weekly updates on WIPO PATENTSCOPE (every Saturday morning)

Initial Features (1/2)

- Data coverage published on home page
- Bibliographic data search
(including technology fields, titles and abstracts may contain machine-translated English text by google translation services)
- Capture search results in a customizable report
- View of published application information
(data, file statuses, documents including drawings)
- Access to WIPO CASE patent family view
- Link to IPC
- Link to WIPO PATENTSCOPE

Initial Features (2/2)

- Full text search in text documents
(descriptions and claims if available in text format)
- Access to WIPO CASE patent family timeline view
- Quick link to show applications filed by same applicant or inventor
- Quick link to show list of other national phase entry application numbers if it is a national phase entry application
- Suggestive keyword search
- Exporting PCT National Phase Entry data to WIPO
- Improved Document and Drawing Views

Next Release by end of 2017

- Extension to published patent documents
- Links to see classification symbol description in context
- Improve suggestive keyword search with lookup in classification descriptions

Upgrade in 2018

- More statistics charts on home page, for example:
 - Top 10 applicants in ASEAN by residence country
 - Resident and non residence count by filing country
 - PCT filings versus national filings by filing country
- Linkage to WIPO CASE as CASE Depositing Offices
- Addition of links to IP5 global dossier websites wherever applicable
- Addition of links to national offices websites wherever applicable