

Regional Workshop on Dissemination and Effective Utilization of Patent Information

Analysis of PI database provided by ASEAN IP offices

2018/10/17
Society of Asia Patent Information
TETSUO ITO

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ASEAN Intellectual Property Databases

		ID	MY	PH	SG	TH	VN
Patent/ Utility model	National Patent Office	○	○	○	○	○	○
	PATENTSCOPE	○	○	○	○	○	○
	ASEAN PatentScope	○	○	○	○	○	○
	FOPISER	-	-	-	○	○	○
Design	National Patent Office	○	○	○	○	○	○
	DesignView	-	-	○	-	-	-
	ASEAN DesignView	○	○	○	○	○	○
	Global Design	○	-	-	-	-	-
	Hague Express	△	-	-	△	-	-
Trademark	National Patent Office	○	○	-	○	○	○
	TMview	-	○	○	-	-	-
	ASEAN TMview	○	○	○	○	○	○
	Global Brand	○	○	○	○	○	○
	Madrid Monitor	△	-	△	△	△	△
	FOPISER	-	-	-	-	○	○

ID:Indonesia, MY:Malaysia, PH:Philippines, SG:Singapore, TH:Thailand, VN::Vietnam

△ : Insufficient Coverage

ASEAN Intellectual Property Databases

PATENTSCOPE(WIPO):

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

ASEAN PATENTSCOPE(AWGIPC):

<http://ipsearch.aseanip.org/wopublish-search/public/>

FOPISER(JPO):

<https://www.foreignsearch.jpo.go.jp/>

DesignView(EUIPO):

<https://www.tmdn.org/tmdsview-web/welcome>

ASEAN DesignView(EUIPO):

<http://www.asean-designview.org/tmdsview-web/welcome>

Global Design(WIPO):

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

Hague Express(WIPO):

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

TMview(EUIPO):

<https://www.tmdn.org/tmview/bookmark?q=ipvalue&lang=en#>

ASEAN TMview(EUIPO):

<http://www.asean-tmview.org/tmview/welcome>

Global Brand Database(WIPO):

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

Madrid Monitor(WIPO):

<http://www.wipo.int/madrid/monitor/en/index.jsps>

Overview of PATENTSCOPE (PS)

The patent information of each IPO in ASEAN region were included in PATENTSCOPE (PS). In particular, the number of those of Singapore (SG) and Vietnam (VN) has increased, and the patent information of Brunei (BN), Indonesia (IN), Cambodia (KH), Malaysia (MY), Philippines (PH) and Thailand (TH) have been stored into it in August 2017. This enables users to conduct a patent search across the ASEAN states, and they are now able to conduct a patent search mostly without accessing to the database of each IP office.

Details on specific features (User's Guide, etc.) are contained in the JETRO's report issued in March 2018.

https://www.jetro.go.jp/ext_images/world/asia/asean/ip/pdf/search_ip_communique_asean2017.pdf

Now, I will explain how to utilize PATENTSCOPE and its issues when searching for patent information of IPOs in ASEAN, by making a comparison among the databases of these IPOs.

Overview of PATENTSCOPE (PS)

PATENTSCOPE (PS) contains patent information of each IPO in ASEAN in original (local) language in addition to those in English. Hence, you are required to conduct a patent search in original (local) language other than in English.

Among the ASEAN states, patent information of Indonesia (ID), Thailand (TH) and Vietnam (VN) can be searched and displayed in the original (local) language.

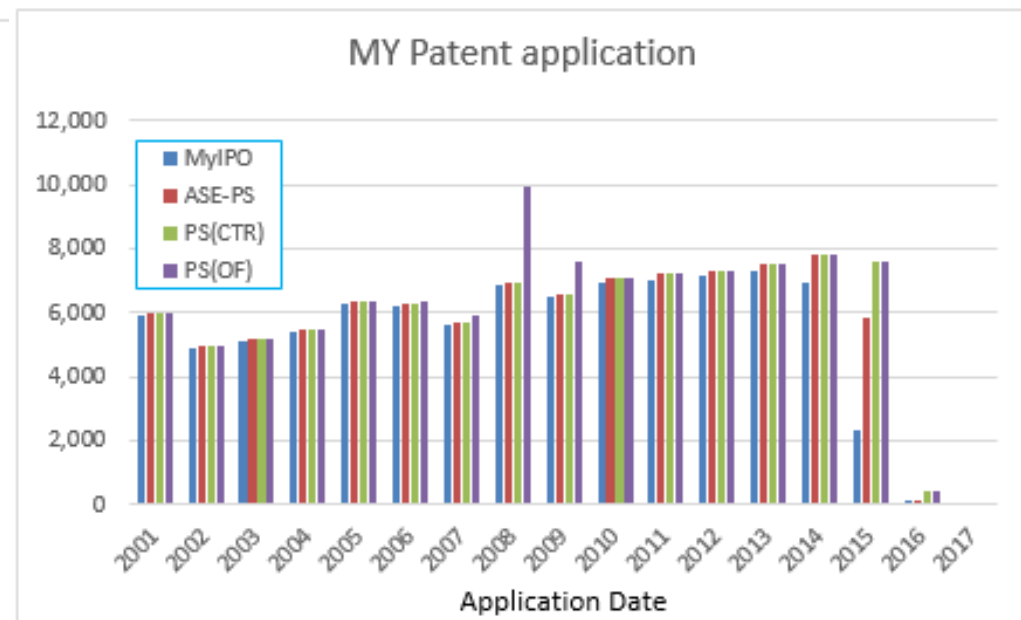
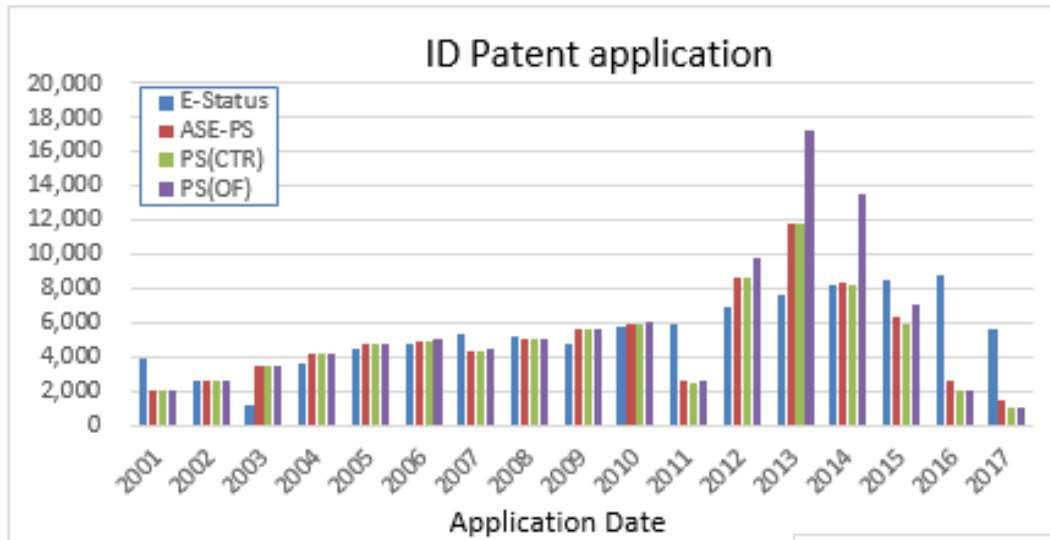
In August 2017, ASEAN PATENTSCOPE (ASE-PS) that only includes patent information of ASEAN states was released separately from the patent information of ASEAN being stored in PS. Nevertheless, PS is much easier to use than ASE-PS.

PS allows you to use a command to conduct a highly advanced search.

Currently, commercial DBs do not contain sufficient patent information of ASEAN IPOs. Thus, PS can be a very useful tool for individuals conducting a patent search.

However, PS has different types of issues. So I will explain the issues and give you some tips to supplement the missing data of patent information by utilizing the database of each IPO in ASEAN.

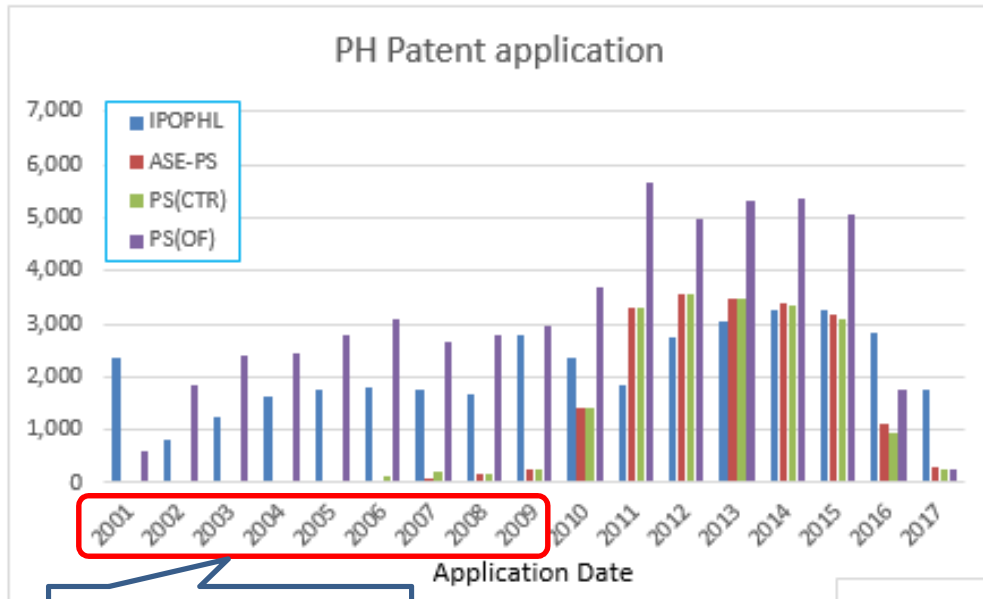
1) PATENTSCOPE Data Coverage



E-Status : Indonesia P. O. Database
 MyIPO : Malaysia P. O. Database
 ASE-PS : ASEAN PATENTSCOPE
 PS(CTR) : PATENTSCOPE(Domestic)
 PS(OFF) : PATENTSCOPE(Including PCT)

Application information : As of 2018/6/30

PATENTSCOPE Data Coverage

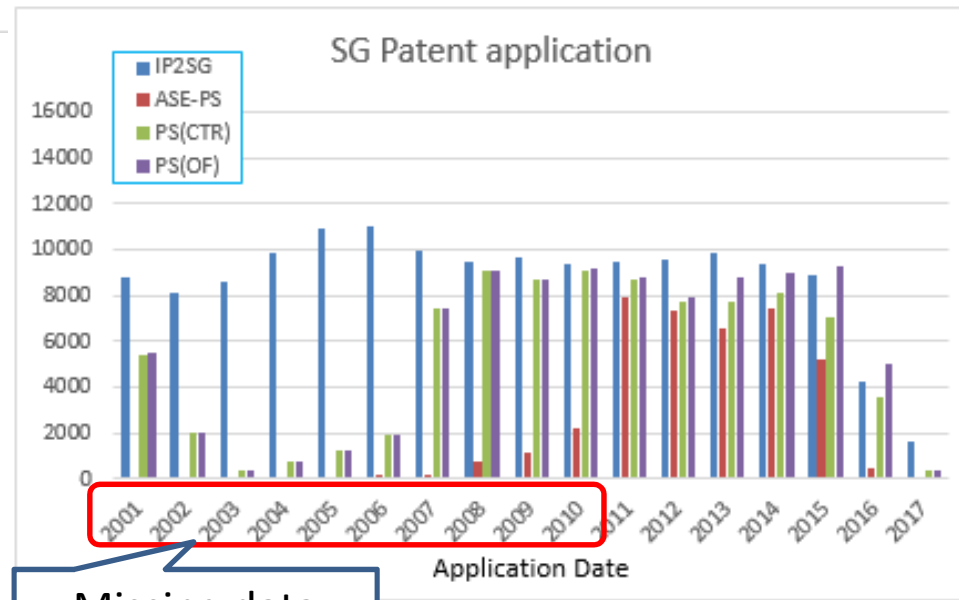


In the Philippines and Singapore, Coverage of PATENTSCOPE (Domestic) and ASEAN PATENTSCOPE is bad.

Missing data

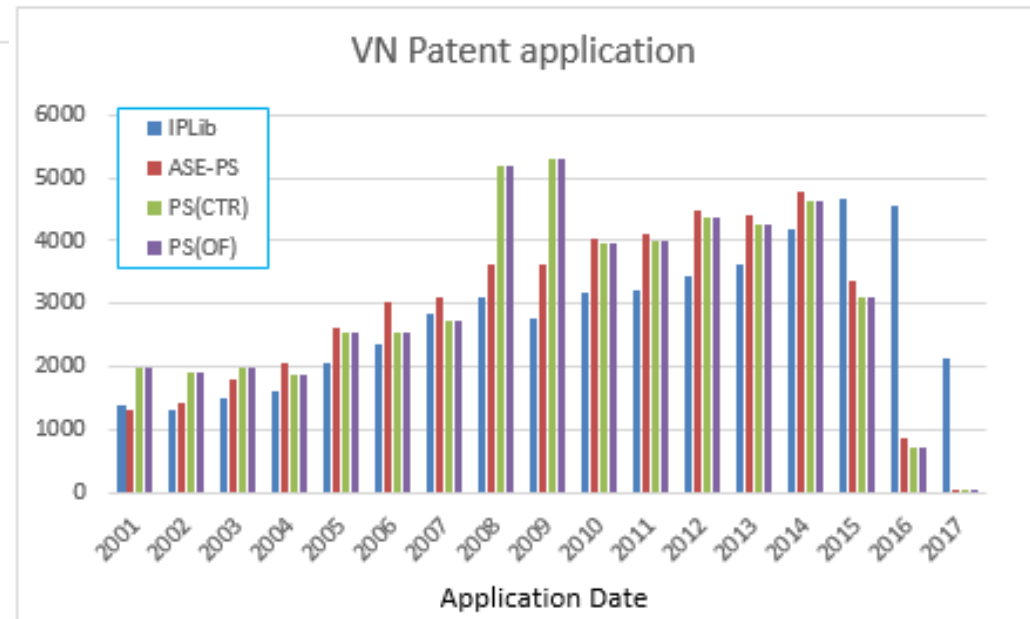
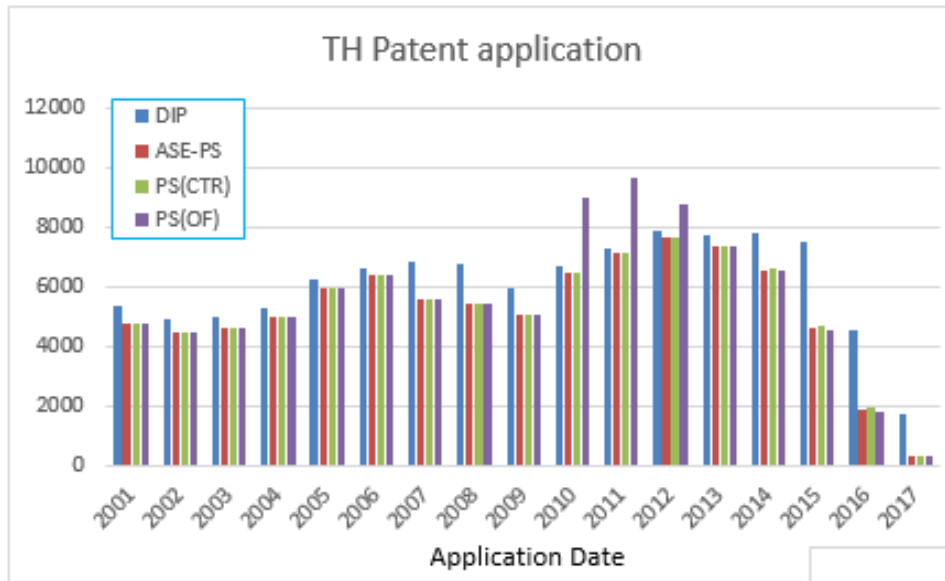
- IPOPHL: Philippines P. O. Database
- IP2SG: Singapore P. O. Database
- ASE-PS: ASEAN PATENTSCOPE
- PS(CTR): PATENTSCOPE(Domestic)
- PS(OF): PATENTSCOPE(Including PCT)

Application information : As of 2018/6/30



Missing data

PATENTSCOPE Data Coverage



DIP : Thai Database P.O. Database
 IPLib : Vietnamese P. O. Database
 ASE-PS : ASEAN PATENTSCOPE
 PS(CTR) : PATENTSCOPE(Domestic)
 PS(OF) : PATENTSCOPE(Including PCT)

Application information : As of 2018/6/30

2) Search and Display Fields Search

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | News

Home | IP Services | PATENTSCOPE

Cross country search is possible

Field Combination

	Front Page	=		?
AND	Country	=	VN	?
AND	Application Number	=		?
AND	Publication Date	=	[2000 TO 2016]	?
AND	English Title	=		?
AND	English Abstract	=		?
AND	Applicant Name	=		?
AND	International Class	=	B32B*	?
AND	Inventor Name	=		?
AND	Office Code	=		?
AND	English Description	=		?
AND	English Claims	=		?
AND	Inventor Name	Is Empty:	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	
AND	Licensing availability	=	<input type="checkbox"/>	

Language: English Stem: Office: + All

- Operators and parentheses such as AND, OR, NOT, and NEAR can be used in the same field.
- Input within the field up to 100 bytes, including operator and space

Search Reset

Advanced Search

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | News

Home | IP Services | PATENTSCOPE

Advanced Search

Search For: ID_ALLTXT:((FILM NEAR5 LAMINA*) or (LAMINA* NEAR5 FILM) or (FILM NEAR5 "MULTI* LAPIS*") or (FILM NEAR5 "LAPIS* MULTI*") or (FILM NEAR5 MULTILAPIS*) or (FILM NEAR5 "MULTI* LAPIS*")) or ((EN_ALLTXT:((film NEAR5 lamina*) or (lamina* NEAR5 film)) or IC:(B32B27* or "B32B 27*")) and CTR:ID

Language: English Stem: Office: All

Instant Help Tooltip Help

Search Reset

Extract notation fluctuation with Stem ON

Search expression example : Extraction of multilayer films in Indonesia

```
ID_ALLTXT:((FILM NEAR5 LAMINA*) or (LAMINA* NEAR5 FILM) or (FILM NEAR5 "MULTI* LAPIS*") or (FILM NEAR5 "LAPIS* MULTI*") or (FILM NEAR5 MULTILAPIS*) or (FILM NEAR5 "MULTI* LAPIS*")) or ((EN_ALLTXT:((film NEAR5 lamina*) or (lamina* NEAR5 film)) or IC:(B32B27* or "B32B 27*")) and CTR:ID)
```

PS includes Indonesian and Thai information with English translations, so search for English terms with the OR operator.

Search Fields

OF:	Office Code	NPCC:	National Phase Office Code
CTR:	country	DS:	Designated State
LGF:	Filling Language	LGP:	Publication Language
ALLNUM:	All Numbers and IDs		
AN:	Application Number	AD:	Application Date
WO:	WIPO Publication Number	DP:	Publication Date
GN:	Grant Number		
NP:	Prior Number	PI:	Prior All Data
PRIORPCTAN:	Prior PCT Application Number		
PRIORPCTWO:	Prior PCT WO Number		
PCN:	Prior Country	PD:	Prior Date
NPA:	National Phase All Date	NPAN:	National Phase Application Number
PN:	National Publication Number		
NPED:	National Phase Entry Date	NPET:	National Phase Entry Type
ALLNAMES:	AllNames		
PA:	Applicant Name	PAF:	Main Applicant Name
PAA:	Applicant All Data		
AAD:	Applicant Address	AADC:	Applicant Address Country
ANA:	Applicant Nationality	ARE:	Applicant Residence
IN:	Inventor Name	INF:	Main Inventor Name
INA:	Inventor All Date	IADC:	Inventor Nationality

Search Fields

EN_TI:	English Title	EN_AB:	English Abstract
EN_CL:	English Claims	EN_DE:	English Description
EN_ALLTXT:	English Text	FP:	Front Page
IC:	International Class	ICF:	Main International Class
IC_EX:	Exact IPC code		
ICI:	International Inventive	ICN:	International N-Inventive
IPE:	International Preliminary Examination		
ISA:	International Search Authority	ISR:	International Search Report
RPA:	Legal Representative All Date		
RP:	Legal Representative Name	RPF:	Main Legal Rep Name
RCN:	Legal Representative Country	RAD:	Legal Representative Address
LI:	Licensing availability		
SIS:	Supplementary International Search		
TPO:	Third Party Observation		
CHEM:	Chemical		

Original language search can not be done with Field Search, but can be done with Advanced Search.

ID_ALLTXT:(multilapis or multilapisan) and IC:B32B*
(ALLTXT=TI+AB)

Search results

Refine Search Search

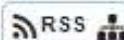
Filters


Sort by: Relevance View Simple List Length 10

Int.Class	Appl.No	Title	PubDate	Inventor
1. 051.4637	FILM MULTI LAPIS YANG DAPAT DIBILAS		ID	06.10.2011
B32B 27/00	W00201102224	Infiana		SCHUHMANN, Michael
<p>Invensi ini mengenai film multi lapis terdiri dari sedikitnya komposit lapisan termoplastik dengan pengaruh air dan resistan terhadap air dingin atau dapat hanya dilarutkan dengan pengaruh air, yang berdasar sedikitnya satu lapisan yang dapat digiling dengan pengaruh air dan resistan terhadap air dingin atau dapat hanya dilarutkan dengan pengaruh air, yang berdasar sedikitnya satu lapisan yang dapat digiling tersaponifikasi sebagian dengan ketebalan lapisan <10 μm, dan sedikitnya satu lapisan larut air dingin berdasarkan sedikitnya satu lapisan yang tersaponifikasi sebagian dan sedikitnya satu bahan yang meningkatkan kelarutan dalam air, dipilih dari kelompok yang terdiri dari polimer yang dapat terbiodegradasi, surfaktan, dan pengisi dan pigmen anorganik, dan juga pada kemasan yang dapat dibilas yang dihasilkan dari film multi lapis tersebut.</p>				
2. 2018/02453	FILM MULTI-LAPISAN, FILM TERLAMINASI UNTUK DIGUNAKAN SEBAGAI MATERI PENGEMAS, TAS PENGEMAS, DAN KANTUNG BERDIRI		ID	09.03.2018
	PID201701163	DIC Corporation		Hiroaki MATSUBARA
<p>Film multi-lapisan meliputi lapisan segel berbasis-resin poliolefin sebagai lapisan permukaan dan lapisan segel berbasis-resin poliolefin siklik yang secara langsung ditempatkan pada lapisan segel. Kandungan resin poliolefin siklik dari komponen resin dari lapisan resin berbasis-resin poliolefin siklik setidaknya 95% berdasarkan massa, dan setidaknya 40% berdasarkan massa dari resin poliolefin siklik adalah resin poliolefin siklik yang memiliki suhu transisi gelas sebesar 130°C atau kurang. Film multi-lapisan memberikan kekuatan segel yang sesuai dan daya adsorpsi yang sangat rendah.</p>				
3. 051.5350	FILM MULTI-LAPISAN DAN KANTONG YANG DIBENTUK DARI FILM		ID	22.12.2011
B32B 27/32	W00201103090	OTSUKA PHARMACEUTICAL FACTORY, INC.		MORI, Toshifumi
<p>Yang diungkapkan adalah suatu film multi-lapisan di mana lapisan paling luar dan lapisan paling dalam dilaminasi dengan lapisan antara ditempatkan di antaranya, lapisan antara tersebut dikonfigurasi dari satu hingga tiga lapisan. Film multi-lapisan dicirikan dengan lapisan antara yang terusun dari 0-55% berat dari polietilena linier yang memiliki densitas 0,910-0,930g/cm³, 5-15 % berat dari polietilena densitas-tinggi yang memiliki densitas 0,950-0,970g/cm³, dan 35-85 % berat dari polietilena linier yang dipolimerisasi menggunakan katalis situs tunggal dan memiliki densitas 0,900-0,910g/cm³. Film multi-lapisan juga dicirikan dengan lapisan antara berisi sedikitnya satu lapisan yang memiliki densitas yang lebih rendah dari lapisan paling luar dan lapisan paling dalam, dan lapisan paling luar dan lapisan paling dalam dibentuk dari polietilena atau campuran dua atau lebih jenis polietilena.</p>				



Indonesian

Translation of search results

Refine Search Search 

Filters 

Sort by: Relevance View Simple List Length Ten

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 051.4637	FILM MULTI- LAYER CAN BE rinsed			ID	06.10.2011
B32B 27/00	 W00201102224		Infiana Germany GmbH & Co. KG		SCHUHMANN, Michael
<p>The present invention is about the film multi -layer comprises at least a layer of thermoplastic composites, the film multi -layer which is made from at least one layer that can be milled with water and resistant to the effects of cold water or can be dissolved only slowly, which is based on at least one polyvinyl acetate tersaponifikasi least partly with a layer thickness <10 μm, and at least one layer of cold water soluble by at least one at least polyvinyl acetate tersaponifikasi portion and at least one ingredient that meningkatkan solubility in water, selected from the group consisting of a biodegradable polymer, surfactants, and fillers and inorganic pigments, and also on the packaging that can be rinsed generated from the film multi -layer it.</p>					
2. 2018/02453	FILM MULTI - LAYER , FILM laminated MATERIALS FOR USE AS packaging, packaging BAGS, AND BAGS STAND			ID	09.03.2018
	PID201701163		DIC Corporation		hiroaki MATSUBARA
<p>Film multi - layer covering seal layer polyolefin-based resin as a surface layer and a layer of resin-based resin directly placed on the seal layer. Cyclic polyolefin resin content of the resin component of the resin layer cyclic polyolefin-based resins at least 95% by mass, and at least 40% by mass of the cyclic polyolefin resin is a cyclic polyolefin resin which has a glass transition temperature of 130 ° C or less. Film multi - layer provides an appropriate seal strength and a very low adsorption capacity.</p>					
3. 051.5350	FILM MULTI - LAYER AND BAGS ARE FORMED FROM FILM			ID	22.12.2011
B32B 27/32	 W00201103090		OTSUKA PHARMACEUTICAL FACTORY, INC.		MORI, Toshifumi

English

Can be translated into 108 languages

Filters

Refine Search

Search expression

Filters									
Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
Indonesia	54760	A61K	6647	WANG, Ye-Kui	127	QUALCOMM INCORPORATED	1222	2010	4774
		A61P	3218	KARCZEWICZ, Marta	116	HONDA MOTOR CO., LTD.	862	2011	5674
		C07D	2819	LEE, Tammy	96	BASF SE	616	2012	5592
		C12N	1670	DONDERICI, Burkay	84	UNILEVER N.V.	564	2013	4588
		H04W	1627	HAN, Woo-Jin	82	NESTEC S.A.	562	2014	5646
		C07C	1505	GAAL, Peter	78	HALLIBURTON ENERGY SERVICES, INC.	557	2015	6133
		A01N	1454	MONTOJO, Juan	74	KAO CORPORATION	438	2016	7453
		A23L	1449	CHEN, Ying	72	NIPPON STEEL & SUMITOMO METAL CORPORATION	426	2017	14900
		E21B	1251	LUO, Tao	69	NOVARTIS AG	368		
		B01D	1238	RHUSHAN Nana	68	UNICHARM CORPORATION	361		

result

Applicant names not aggregated

HONDA MOTOR ≠ HONDA GIKEN
UNICHARM ≠ UNI-CHARM

Notes on Simple Analysis

UNILEVER N.V. (Notation fluctuation in simple analysis)

UNILEVER NV

UNILEVER N.V.

UNILEVER N. V.

UNILEVER, N. V.

UNILEVER N.V

Unilever N.V.

Unilever NV

UNILEVER N.V.UNILEVER N.V.

UNILEVER N. V.UNILEVER N. V.

PS recognizes a slight difference; for example, whether “n.v.” representing Deutch legal entity has a dot or not, it has one-byte or two-byte dot, it has a company name in upper or lower case character, etc. and displays the results automatically.

In a patent search, PS recognize the words UNILEVER and Unilever are the same. When you search for “UNILEVER” without n.v. , PS also extracts its associated company names with PLC, INC, LTD, LIMITED in other countries.

3) Publications Without IPC Symbols

Search in Field Search

Field Combination

	Front Page	=		?
AND	WIPO Publication Number	=		?
AND	Application Number	=		?
AND	Publication Date	=	[2000 TO 2016]	?
AND	English Title	=		?
AND	English Abstract	=		?
AND	Applicant Name	=	QUALCOMM	?
AND	International Class	=		?
AND	Inventor Name	=		?
AND	Office Code	=	ID	?
AND	English Description	=		?
AND	English Claims	=		?
AND	International Class	Is Empty:	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	
AND	Licensing availability	=		

Language: English Stem: Office: All

(+) Add another search field | (-) Reset search fields | Tooltip Help

162 results Search Reset

Extraction of Publications without IPC symbols

Search in Advanced Search

OF:ID!IC:[* TO *] AND PA:QUALCOMM AND DP:[2000 TO 2016]

Publications Without IPC Symbols

	ID	MY	PH	SG	TH	VN	
PD:2000-2016	76937	107441	16987	103596	90922	53382	(CTR)
IPC missing data	9221	37752	71	38529	683	6633	
missing data rate	12.0%	35.1%	0.1%	37.2%	0.7%	12.4%	

Confirm September 1, 2018

Missing in Malaysia and Singapore is big.

••• Trend similar to JETRO report

	BR	IN	MX	BN	KH	
PD:2000-2016	336711	417321	227988	893	10	(CTR)
IPC missing data	26170	4279	5520	235	10	
missing data rate	7.8%	1.0%	2.4%	26.3%	100.0%	

Missing IPC data(PS)

Application Number: P00201506988 **Application Date:** 10.04.2014
Publication Number: 2016/06793 **Publication Date:** 23.12.2016
Publication Kind : A
Prior PCT appl.: App [62014033643](#) ; **Publication Number:** [Click to see the data](#)

Applicants: QUALCOMM INCORPORATED
Inventors: HORN, Gavin, Bernard
PRAKASH, Rajat
DAMNJANOVIC, Jelena
Agents: Annisa Am Badar, SH., LL.M.

Priority Data:
Title:
Abstract:

IPC is blank

Priority Data, Title, Abstract are not included.

Missing IPC data(ID E-Status)

NOMOR PERMOHONAN
P00201506988

TANGGAL PENERIMAAN
28 Oct 2015

STATUS
(PA) Pelayanan Teknis

Rincian status

NOMOR PENGUMUMAN
2016/06793

TANGGAL PENGUMUMAN
23 Dec 2016

NOMOR PATEN
-

TANGGAL PEMBERIAN
-

DOWNLOAD

- Publikasi A
- Publikasi B

Abstrak

Pemisahan tingkat-paket untuk transmisi data melalui banyak pembawa dijelaskan. Paket-paket data untuk ditransmisikan dipisahkan oleh simpul jaringan pertama ke dalam banyak aliran dimana paket-paket data untuk aliran pertama dikirim dari simpul jaringan pertama ke simpul jaringan kedua yang menggunakan kumpulan pertama dari pembawa-pembawa sambil paket-paket data untuk aliran-aliran lain diteruskan ke simpul-simpul jaringan lain untuk ditransmisikan ke simpul jaringan kedua menggunakan kumpulan pembawa lainnya. Berbagai kumpulan pembawa ditentukan oleh kumpulan pembawa yang dikonfigurasi untuk simpul jaringan kedua.

Prioritas

NOMOR	TANGGAL	KEWARGANEGARAAN
14/249,050	09 Apr 2014	US
61/811,637	12 Apr 2013	US

IPC

-

IPC is blank

Although IPC symbol is missing in PS, it is assigned in ID E-Status

NOMOR PATEN
IDP000050971
TANGGAL PEMBERIAN
04 May 2018

PENGIDENTIFIKASIAN PENYAMPAIAN INVENSI

STATUS
(PA) Diberi Paten

Rincian status

NOMOR PENGUMUMAN
2016/00475

DOWNLOAD

Publikasi A

Publikasi B

Abstrak

NOMOR PERMOHONAN
P00201401911

TANGGAL PENERIMAAN
02 Apr 2014

Application Number

Application Number: P00201401911 Application Date: 02.04.2014

Publication Number: 2016/00475 Publication Date: 12.02.2016

Publication Kind : A

IPC is blank

Applicants: QUALCOMM INCORPORATED

Inventors: SONG, Osok
GRIOT, Miguel

Agents: NADIA AM BADAR

Priority Data:

Title:

Abstract:

PATENTSCPE

...ol bagaimana informasi layanan pesan dirutekan melalui domain-
...rminal akses bisa dikonfigurasi dengan indikasi yang mengindikasikan
bahwa layanan pesan diutamakan untuk dimintakan melalui domain IP atau bahwa layanan pesan tidak
dimintakan melalui domain IP. Terminal akses kemudian menyampaikan informasi layanan pesan berdasarkan
nilai indikasi. Dalam beberapa kasus, entitas jaringan menghasilkan indikasi dan mengirimkan indikasi tersebut
ke terminal akses. Dalam beberapa kasus, domain untuk penyampaian informasi layanan pesan dipilih
berdasarkan domain yang dipilih untuk tipe lalu lintas tertentu.

Prioritas

NOMOR	TANGGAL	KEWARGANEGARAAN
61/232.733	10 Aug 2009	US
12/951.679	06 Aug 2010	US

Assigned IPC

IPC

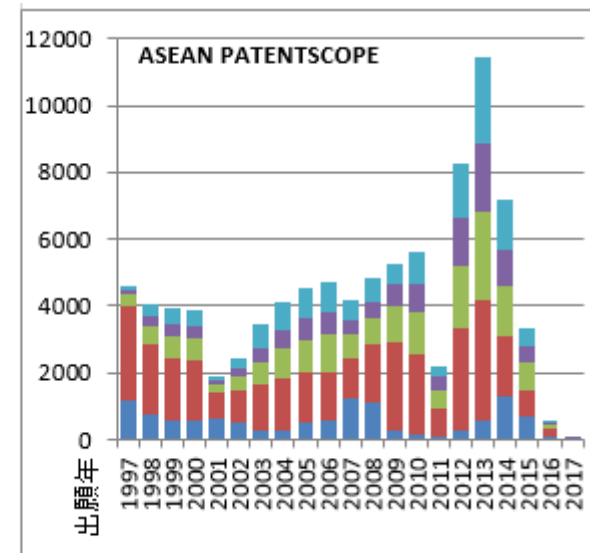
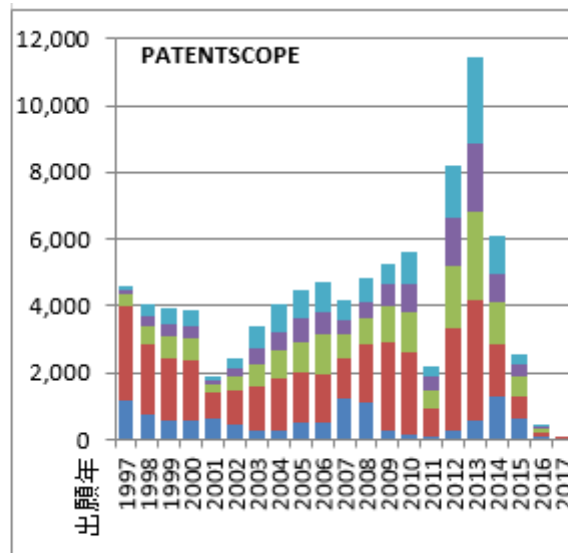
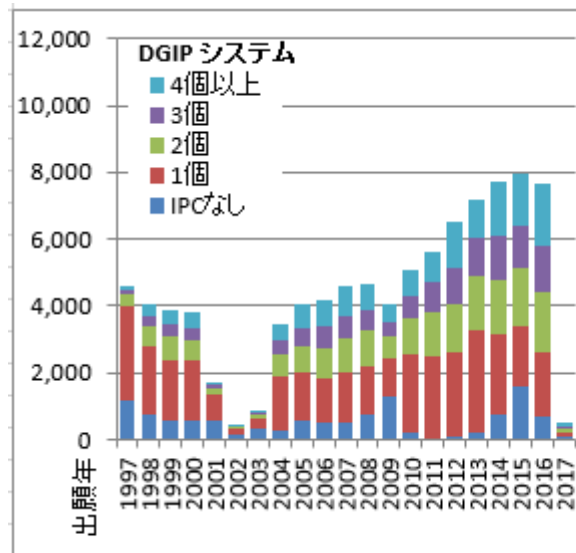
H04L 12/58

ID E-Status

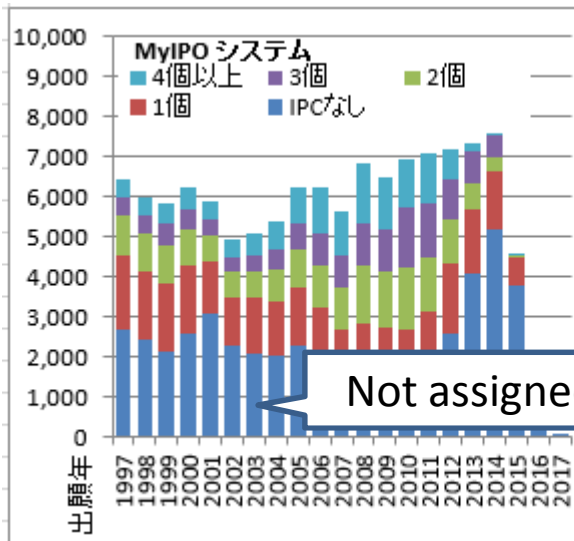
Number of IPC Assignments (Horizontal axis: Application year)

JETRO report(2017)

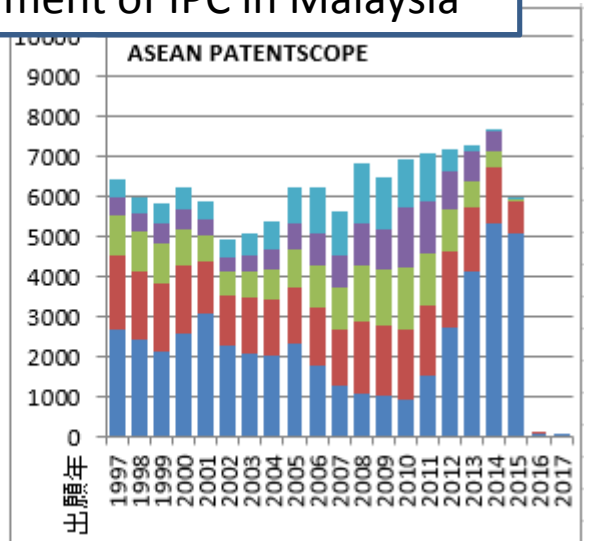
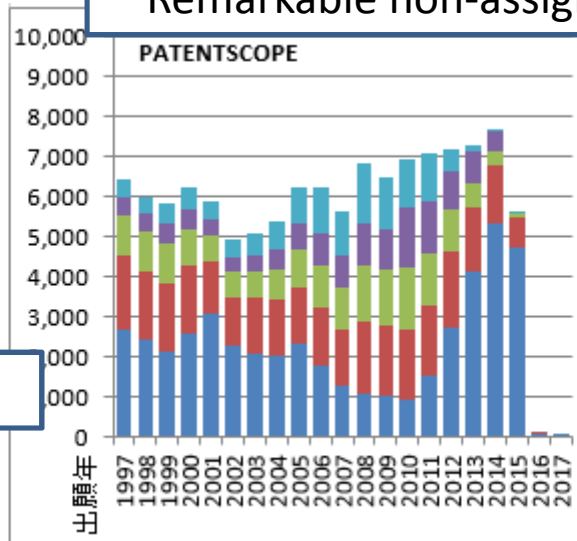
Indonesia



Malaysia



Remarkable non-assignment of IPC in Malaysia

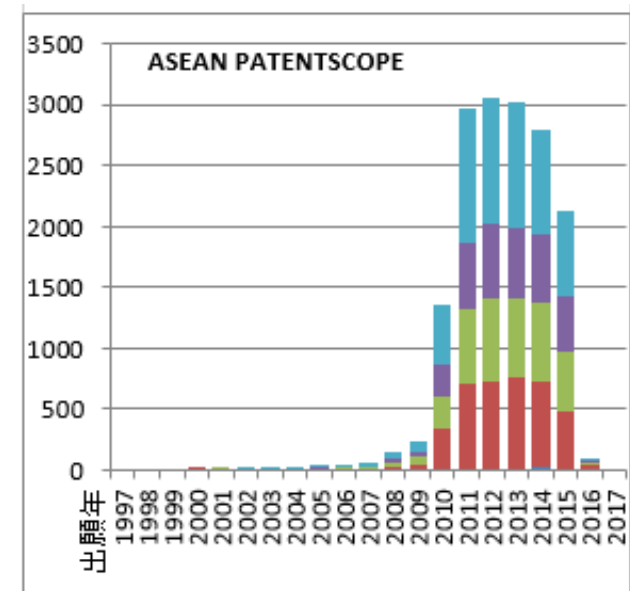
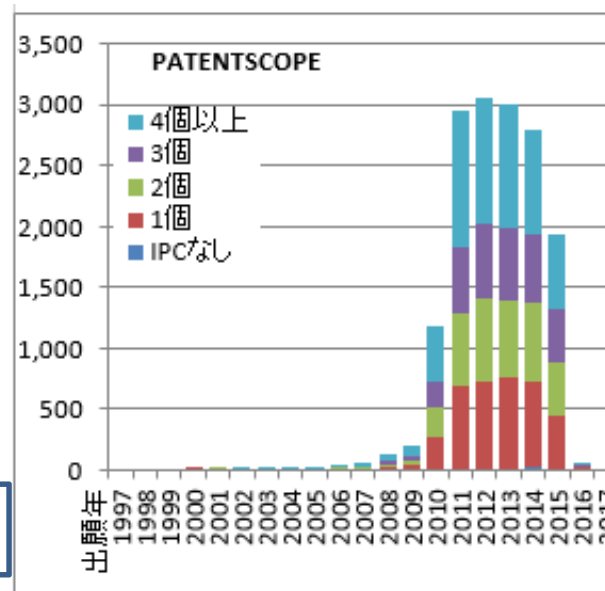


ASEAN countries have not joined the Strasbourg Treaty (No obligation to assign IPC)

Number of IPC Assignments (Horizontal axis: Application year)

JETRO report(2017)

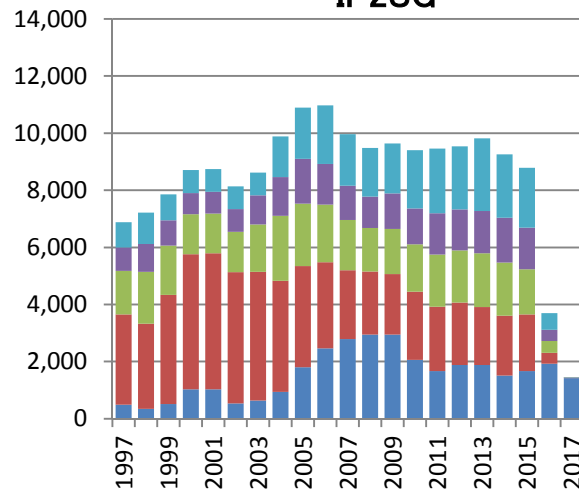
Philippines



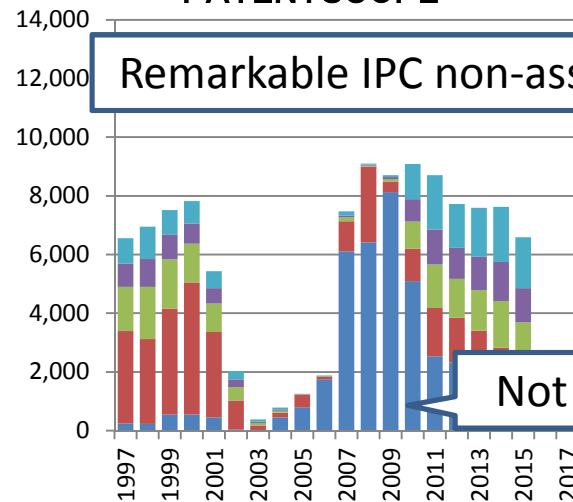
IPC assigned in Philippines

Singapore

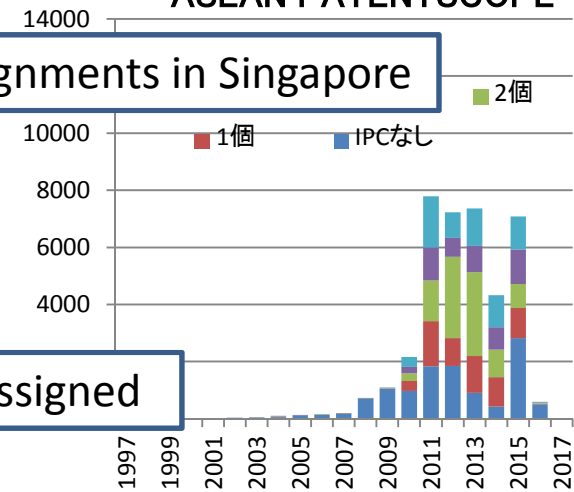
IP2SG



PATENTSCOPE



ASEAN PATENTSCOPE



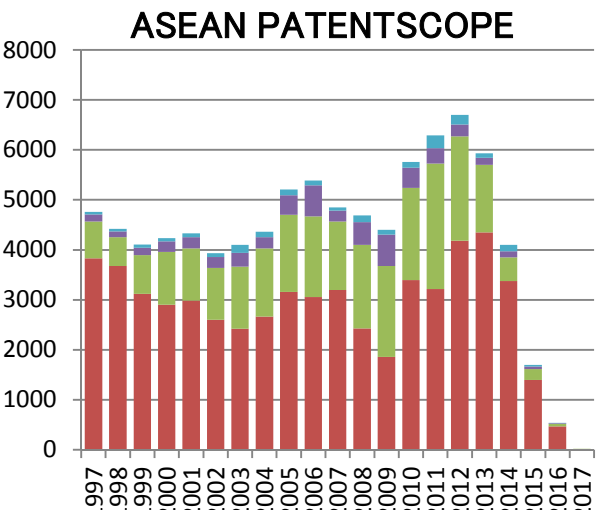
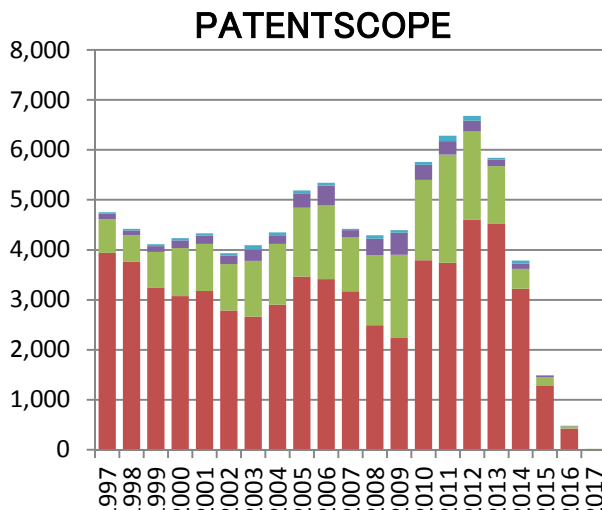
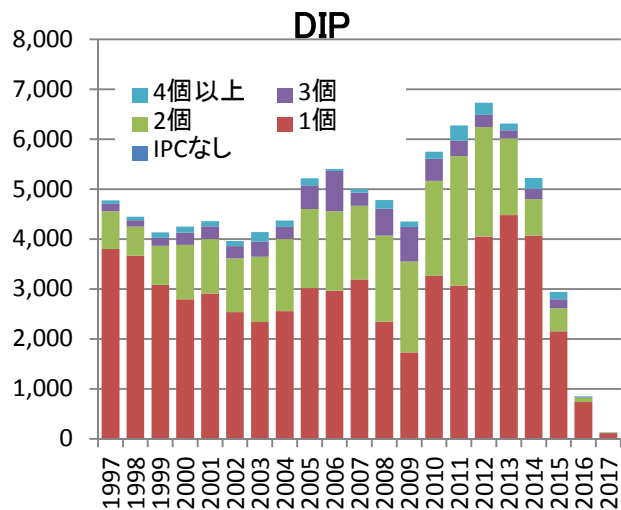
Remarkable IPC non-assignments in Singapore

Not assigned

ASEAN countries have not joined the Strasbourg treaty (No obligation to grant IPC)

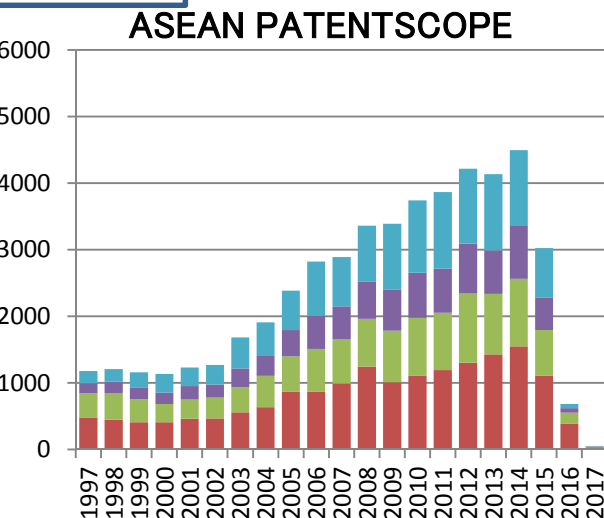
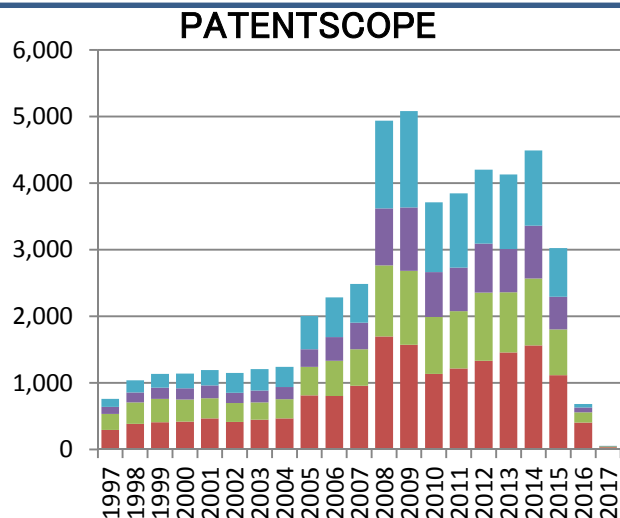
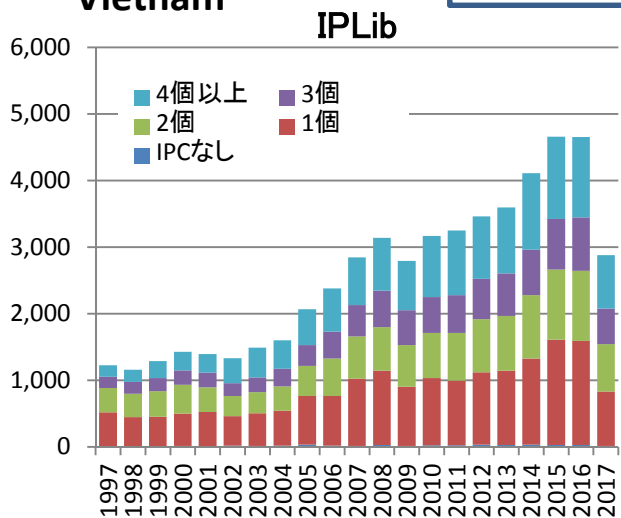
Number of IPC Assignments (Horizontal axis: Application year) JETRO report(2017)

Thailand



IPC assigned in Thailand and Vietnam

Vietnam



ASEAN countries have not joined the Strasbourg Treaty (No obligation to assign IPC)

Search comparison by IPC

3D printer		B29C67 or "B29C 67"				
	ID	MY	PH	SG	TH	VN
National P. O.	20	35	64	157	66	48
PATENTSCOPE	15	42	6	86	35	19

Polymer laminate		B32B27 or "B32B 27"				
	ID	MY	PH	SG	TH	VN
National P. O.	531	545	399	933	723	342
PATENTSCOPE	326	417	90	306	586	240

The TH of PS is extracted with the following search expression

3D printer


IC:("B29C 67//0" or "B29C 67//2") and CTR:TH 35 cases
 (IC:("B29C 67/*") and CTR:TH 0 cases)

Polymer laminate

IC:("B32B 27//0" or "B32B 27//1" or "B32B 27//2" or "B32B
 27//3" or "B32B 27//4") and CTR:TH 586 cases
 (IC:("B32B 27/*") and CTR:TH 0 cases)

"//“s between Main groups and Subgroups of IPC of Vietnam are
 not so many

“//” between the main group and subgroup

<p>Filing No.: TH 1601001968</p> <p>PCT Filing No.:</p> <p>IPC Classes: B32B 27//1</p> <p>Applicant:</p> <p>Inventor:</p> <p>Title: ฟิล์มซึ่งมีความสามารถในการซึมผ่าน</p> <p>Abstract: การประดิษฐ์จะเกี่ยวข้องกับฟิล์มระบายอ</p>		<p>Application Number: 1601001968 Application Date: 02.10.2014</p> <p>Publication Number: 166028 Publication Date: 10.08.2017</p> <p>Publication Kind : A</p> <p>IPC: B32B 27//1 A61L 15//2</p> <p>Applicants:</p> <p>Inventors:</p> <p>Agents: นายจักรพรรดิ มงคลสิทธิ์, นางสาว ปริญญาตรี ศรีกิจจาภรณ์, นาย รุทร นพคุณ</p> <p>Priority Data:</p> <p>Title:</p> <p>Abstract:</p>
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ASEAN PATENTSCOPE

PATENTSCOPE

“//” is mandatory for TH's IPC search

There are some “//”s in
IPC data of VN

Application Number: 1201201038 Application Date: 17.09.2010
 Publication Number: 30495 Publication Date: 25.07.2012
 Publication Kind : A
 Prior PCT appl.: Application Number: PCTJP2010066638 ; Publication Number: Click to see the data

IPC: B05D 1//36
B05D 1//34
B32B 27//2
B32B 15//1

Applicants: NIPPON STEEL & SUMITOMO METAL CORPORATION
 Inventors: HOSOKAWA, Tomoaki
UEDA, Kohei
INOUE, Ikuya
OBARA, Yuki
 Agents: VCCHIP CO.,LTD
 Priority Data: 2009-215989 17.09.2009 JP
 Title:
 Abstract:

IPC fault

Filing No.: TH 1701004518
 PCT Filing No.:
 IPC Classes: B32B 27/0
 Applicant: เตอะ โคคา-โคลา คัมปะนี
 Inventor: นายคริสโตเฟอร์ ซี. คเจอร์ล็อก (เสียชีวิตแล้ว) มีนโรนี และ โธมัส เอช. มิลตัน นายลอง เฟย ชาง
 Title: **พร็ฟอร์มสำหรับการเตรียมภาชนะบรรจุ PET**
 Abstract: ผลิตและการใช้อย่างเดียวกัน

Request number: 1701005343	Date of request: 15 Mar 2559	Application Date: 15 Sep 2560
Post: # 178480	Date Posted: 26 Jul 2561	Book published:
Patent Number:	Date of registration:	Documentation: Download File
Part 2		
DIP(TH)	normal	IPC / ID B32B 27/32

ASEAN PATENTSCOPE

Filing No.: TH 1701005343
 PCT Filing No.:
 IPC Classes: B32B 27/3
 Applicant: **Fault** อี คอร์ปอเรชั่น
 Inventor: โจจี้ เคนโต ซาโดห์ โยชิทาเกะ มัตสึบาระ ฮิโรอากิ
 Title: **ฟิล์มปิดผนึก และฟิล์มอัดซ้อน**
 Abstract: ฟิล์มปิดผนึกที่ใช้เป็นฟิล์มปิดผนึกสำหรับบรรจุภัณฑ์ (a1) และ สารกันฝ้า, และ ซารกันฝ้ามากกว่าของไซคลิกโพลีโอลีฟินเรซิน แสดงคุณสมบัติการกันฝ้าแบบที่ควรระวังการชะของส่วนประกอบต่างๆ

Application Number: 1701005343	Application Date: 15.03.2016
Publication Number: 178480	Publication Date: 26.07.2018
Publication Kind : A	
IPC: B32B 27/3	Fault
Applicants: ดีไอซี คอร์ปอเรชั่น	
Inventors: ซาโดห์ โยชิทาเกะ โจจี้ เคนโต มัตสึบาระ ฮิโรอากิ	
Agents: นายจักรพรรดิ มงคลสิทธิ์, นางสาวปริญโยชน ศรีกิจจากรณ, นายรุทร นพคุณ	
Priority Data:	
Title:	PATENTSCOPE
Abstract:	

IPC examples

Layered products essentially comprising synthetic resin

Thai or Vietnamese patents in PATENTSCOPE

B32B27/00

B32B27/02

B32B27/04

B32B27/06

B32B27/08

B32B27/10

B32B27/12

B32B27/14

B32B27/16

B32B27/18

B32B27/20

B32B27/22

B32B27/24

B32B27/26

B32B27/28

B32B27/30

B32B27/32

B32B27/34

B32B27/36

B32B27/38

B32B27/40

B32B27/42



B32B 27//0



B32B 27//1



B32B 27//2



B32B 27//3



B32B 27//4

4)Missing Applicant Names and Abstract Data (PS)

Country:(OF)

	ID	MY	PH	SG	TH	VN
Publication Date 2000 TO 2016	90125	110852	50704	113113	97161	53396
Applicant not recorded	4147	278	41	3	950	11522
Unrecorded rate	4.6%	0.3%	0.1%	0.0%	1.0%	21.6%
Abstract not recorded	9299	6857	8482	62947	7910	6533
Unrecorded rate	10.3%	6.2%	16.7%	55.6%	8.1%	12.2%

Singapore P.O. DB(IP2SG)

The number of abstracts not contained in PS is large.

It seems that many abstracts are filed in PDF.

Missing Applicant Names and Abstract Data (IPLib)

IPLib(VN)

Bibliographic	Description	Claims	Drawings	Legal status
1-2016-04102 - Bibliographic:				
(11) Publication Number	50179			
(21) Application Number	1-2016-04102	(51) ⁷ IPC		G06F 3/033
(22) Filing Date	27/10/2016	(43) PubA		26/12/2016 345
	Substantive Exam Request Date	27/10/2016		
(75) Applicant Name	Lê Quốc Hưng (VN) 16 đường 23, tổ 1, khu phố 6, phường Phước Long B, quận 9, thành phố Hồ Chí Minh			
(54) Title	THIẾT BỊ ĐIỀU KHIỂN BẰNG HƯỚNG CỦA VẬT THỂ			
(57) Abstract	Sáng chế đề cập tới thiết bị điều khiển bằng hướng của vật thể có thời gian đáp ứng nhanh, chính xác, dễ lắp đặt và sử dụng, cung cấp dữ liệu đầu vào cho các điều khiển của các ứng dụng điện toán. Bao gồm bộ phận phát tia sáng (100) có các khe cách đều nhau (101), tuân tự theo thời gian cố định phát ra các chùm tia sáng song song (102) theo trục thẳng của mặt phẳng và cách đều nhau; bộ phận cụm cảm biến tia sáng, xử lý và phát tín hiệu dữ liệu đã xử lý (200) có các cảm biến đầu (201a) và cuối (201b) đặt theo trục thẳng của mặt phẳng để cảm biến tia sáng phù hợp do bộ phận phát tia sáng (100) phát ra, từ đó bộ xử lý trong bộ phận (200) dựa vào chênh lệch thời gian giữa các thời điểm cảm biến ánh sáng của cảm biến đầu và cảm biến cuối, khoảng cách các cảm biến, khoảng cách các khe, thời gian phát tia sáng giữa các khe để tính được góc nghiêng theo trục thẳng của mặt phẳng của bộ phận (200) và phát tín hiệu này cho các ứng dụng máy tính sử dụng.			

VN (IPLib) includes IPC, Applicant, Title, Abstract.

Missing Applicant Names and Abstract Data (PS)

CTR:VN!VN_AB:[* TO *] AND DP:[2000 TO 2016]

Int.Class	Title	Applicant	Ctrl	PubDate
	Appl.No		Inventor	
1. 50179	Thiết bị điều khiển bằng hướng của vật thể		VN	26.12.2016
	1201604102			
<p>Sáng chế đề cập tới thiết bị điều khiển bằng hướng của vật thể có thời gian đáp ứng nhanh, chính xác, dễ lắp đặt và sử dụng, cung cấp dữ liệu đầu vào cho các điều khiển của các ứng dụng điện toán. Bao gồm bộ phận phát tia sáng (100) có các khe cách đều nhau (101), tuần tự theo thời gian cố định phát ra các chùm tia sáng song song (102) theo trục thẳng của mặt phẳng và cách đều nhau; bộ phận cảm biến tia sáng, xử lý và phát tín hiệu dữ liệu đã xử lý (200) có các cảm biến đầu (201a) và cuối (201b) đặt theo trục thẳng của mặt phẳng để cảm biến tia sáng phù hợp do bộ phận phát tia sáng (100) phát ra, từ đó bộ xử lý trong bộ phận (200) dựa vào chênh lệch thời gian giữa các thời điểm cảm biến ánh sáng của cảm biến đầu và cảm biến cuối, khoảng cách các cảm biến, khoảng cách các khe, thời gian phát tia sáng giữa các khe để tính được góc nghiêng theo trục thẳng của mặt phẳng của bộ phận (200) và phát tín hiệu này cho các ứng dụng máy tính sử dụng.</p>				
2. 3281	Hào kỹ thuật đấu nối		VN	26.12.2016
	2201600380			
<p>Giải pháp đề xuất hào kỹ thuật đấu nối các đốt hào được liên kết với nhau bằng khớp nối, hào có thể một ngăn hoặc được chia thành nhiều ngăn riêng biệt tùy theo nhu cầu cần sử dụng. Mỗi đốt hào bao gồm phần thân hào cố định và phía trên được đậy bằng tấm nắp có thể tháo lắp ra được. Điểm khác biệt ở chỗ trên thân đốt hào kỹ thuật được thiết kế để lỗ chờ để đấu nối và phân phối các hệ thống hạ tầng kỹ thuật. Tùy thuộc vào diện tích, yêu cầu của công trình thi công mà các lỗ chờ được bố trí ở các vị trí khác nhau với nhiều hình dáng, kích thước đa dạng.</p>				



PATENTSCPE

National Biblio. Data

PermaLink

Application Number: 1201604102 Application Date: 27.10.2016
Publication Number: 50179 Publication Date: 26.12.2016
Publication Kind : A

Applicants:
Inventors:
Priority Data:
Title:
Abstract:

Detailed information is empty

Missing Abstract Data

National Biblio. Data

Application Number: 1200000818 Application Date: 05.02.1999
 Publication Number: 5245 Publication Date: 26.02.2001
 Publication Kind : A
 Prior PCT appl.: Application Number: [PCTUS9902446](#) ; Publication Number: [Click to see the data](#)

IPC: H04R 25/00

Applicants: CHUNG - YU LIN
 Inventors: CHUNG - YU LIN
 Agents: LE & LE
 Priority Data: 98100529.2 16.02.1998 CN

Title:
 Abstract:

PATENTSCPE

Missing Abstract data

Bibliographic	Description	Claims	Drawings	Legal status
1-2000-00818 -Bibliographic:				
(11) Registration Number	1-0003485-000			
(15) Registration Date	21/04/2003	(51) ⁷ IPC	H04R 25/00	
(21) Application Number	1-2000-00818	(22) Filing Date	14/09/2000	
(86) PCT Number	PCT/US99/02446 05/02/1999	(87) International App.No	WO99/41946 19/08/1999	
(30) Priority Number	98100529.2 16/02/1998 CN			
(45) PubB Date	25/06/2003 183	(43) PubA	26/02/2001 155	
(76) Right Holder Name	CHUNG - YU LIN (US) 29. Tunnel 152, Kuang Hwa 1 st. Rd., Kaohsiung, Taiwan			
(74) Agency Name	Công ty TNHH TƯ VẤN VÀ DỊCH VỤ SÁNG KHÁNG VÀ SỞ HỮU CÔNG NGHỆ K			
(54) Title	TAI NGHE K			
(57) Abstract	MẤT TÍNH NĂNG DẪN THÍNH			

IPLib(VN)

Missing Abstract data

2. Original language extraction method

(Extract original language from two languages)

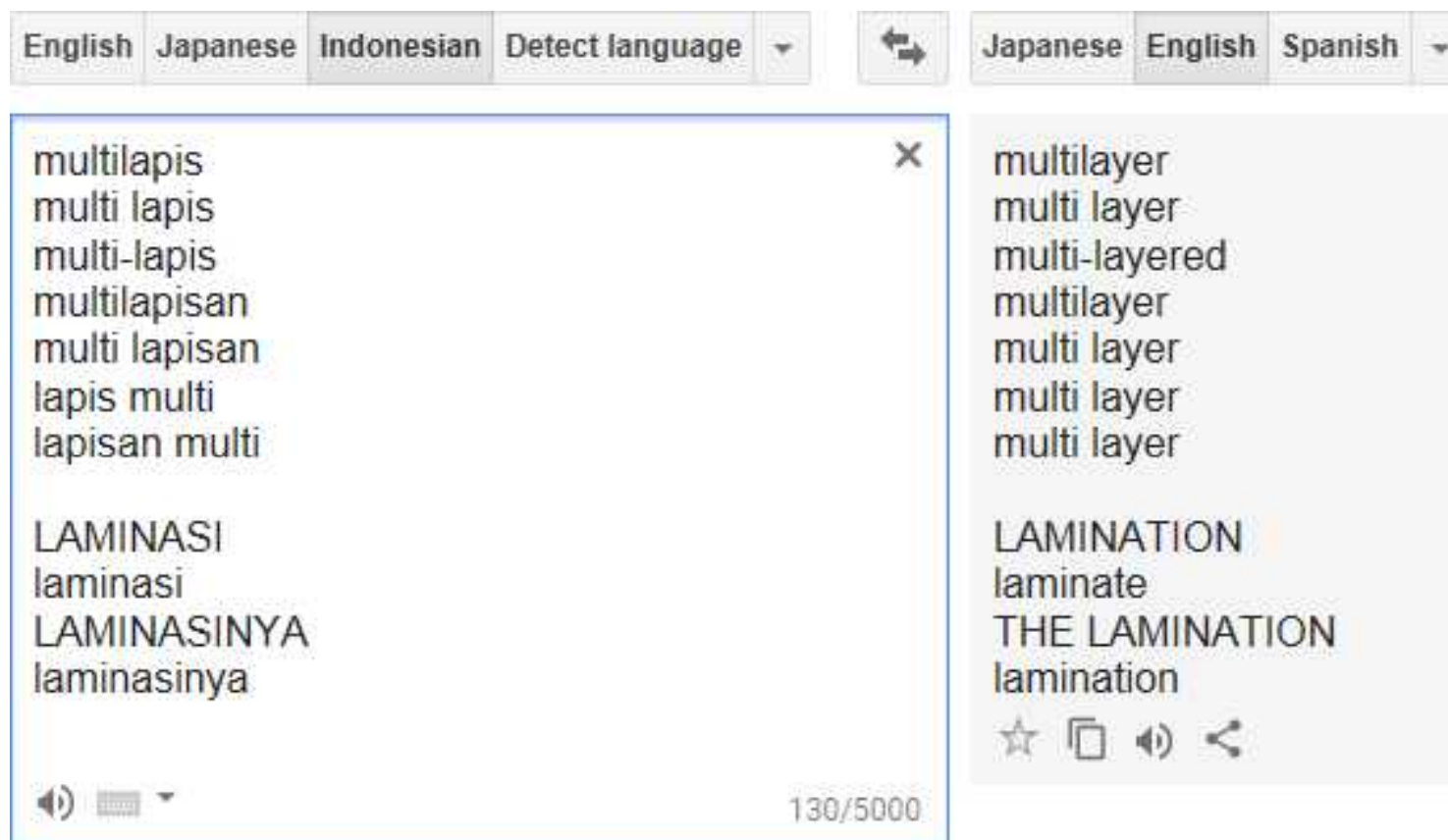
When searching for patent information of Indonesia (ID), Thailand (TH) and Vietnam (VN) , you are required to conduct a search in the original (local) language.

- ① Translation tools, such as “Google Translation”
Basically, those tools give one translation candidate

- ② When utilizing the PS translate function
When searching for an English term
⇒ Search result is translated into the original language for display
When extracting a title of the invention, or a highlighted technical term in the abstract
⇒ You must search for a term given by PS for verification

If you check “Stem” box before you search the PS database, it recognizes inflection of a word.

Utilizing “Google Translate”



Generally, translation errors of long sentences can be improved by inserting line feeds or spaces between words. However, in case of the Thai language, it is difficult for a searcher to break the sentence into words if he/she does not understand the language.

Extraction of different notations by PATENTSCOPE

Google translation laminate ➡ laminasi

Search by ID_AB:*laminasi*

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 2017/06447		WADAH MAMPU-DELAMINASI		ID	16.06.2017
B65D 1/02	P00201604136		KYORAKU CO., LTD.		TARUNO, Shinsuke
<p>Wadah mampu-delaminasi yang sangat baik dalam produktivitas akan disediakan. Menurut aspek pertama dari invensi ini, wadah mampu-delaminasi, terdiri dari: bodi wadah memiliki selubung terluar dan kantong dalam, kantong mendelaminasi bagian dalam dari selubung terluar dan menjadi menyusut dengan penurunan isi, dimana bodi wadah termasuk tonjolan segel bawah yang menonjol dari permukaan bawah dari bagian penyimpanan untuk menyimpan isi, dan tonjolan segel bawah adalah bagian penyegelan, dalam cetak tiup menggunakan parison terlaminasi silinder dilengkapi dengan lapisan luar yang merupakan selubung terluar dan lapisan dalam yang merupakan kantong dalam, parison laminasi dan dibengkokkan.</p>					
2. 2018/00111		METODE PEMBUATAN KONTAINER YANG DIDELAMINASI DAN METODE PEMERIKSAAN KEBOCORAN UDARA UNTUK KONTAINER YANG DIDELAMINASI		ID	12.01.2018
B65D 1/00	P00201702588		Kyoraku Co., Ltd.		Kousuke AIHARA

Suatu metode pembuatan kontainer yang dapat didelaminasi diberikan yang mampu mendelaminasi secara merata kantong dalam dari selubung luar. Sesuai dengan aspek pertama dari invensi ini, suatu metode pembuatan kontainer yang dapat didelaminasi diberikan yang meliputi: formasi bodi kontainer, membentuk suatu bodi kontainer yang memiliki selubung luar dan kantong dalam; dan mendelaminasi pendahuluan seluruh keliling, mendelaminasi pendahuluan kantong dalam dari selubung luar in an seluruh keliling dari bagian penyimpanan bodi kontainer dengan memutar bodi kontainer sambil menekan bagian penyimpanan dengan suatu mekanisme penekanan dari sebelah luar untuk kompresi atau dengan memindahkan mekanisme penekanan sepanjang keliling luar bodi kontainer.

Indonesian Google translation

laminasi ➡ laminate
 pelaminasi ➡ lamination
 terlaminasi ➡ laminated
 melaminasi ➡ laminate
 belaminasi ➡ belamination
 didelaminasi ➡ diaminated
 laminasinya ➡ lamination



ID_ALLTXT:*lamina* 1210 cases

Translation Error

English information of Indonesia and Thailand

Int.Class	Appl.No	Title	Applicant	ID	Ctr	PubDate
					Inventor	
1. 2017/09609		INDIKASI PENGOLAHAN PARALEL DALAM PENGKODE VIDEO			ID	01.09.2017
H04N 19/00	P00201602595		QUALCOMM INCORPORATED			WANG, Ye-Kui
<p>In an example, a method of decoding video data includes decoding, from a video parameter set (VPS) of a multi-layer bitstream, data that indicates at least one of a tile configuration for layers of the multi-layer bitstream or a parallel processing configuration for layers of the multi-layer bitstream. The method also includes decoding the multi-layer bitstream in accordance with the data decoded from the VPS.</p>						
2. 2017/08902		TABUNG MULTI LAPISAN DAN PROSES PEMBUATANNYA WADAH BERSEKAT			ID	18.08.2017
	P00201601775					
<p>A vessel is configured to hold a product in an interior region formed in the vessel. The vessel includes an inner layer arranged to define the interior region and an outer layer. The vessel is formed using a blow-molding process in which a multiple layer parison is blow molded to form the vessel. The multiple layer parison is formed in an extrusion process in which a number of extruders are arranged to co-extrude associated inner and outer parisons to establish the multiple layer parison.</p>						

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate	TH
					Inventor	
1. 20953		เครื่องสำเร็จผลิตสนามแม่เหล็กเพื่อใช้ในการรักษาโรค		TH	08.10.1996	
A61N 02//0	9201001915		นิฮอนเดนโตโยชินเด็นดิวไต โท, แอลทีดี.			Nagatani, Kazuhiro
<p>The therapeutic apparatus generating the magnetic field comprises of the multi-layer silicon-metal cores, consisting of multi-layer silicon-metal cores and one opened end. The multi-layer cores are coiled in wherethe alternated current is fed to generate the alternated magnetic field from the end of the pin of the surface of the multi-layer metal core. The multi-layer metal core also consists of the protruded component, of which the thinner than multi-layer metal and narrow than the end of the pin of the surface of the multi-layer metal core. The multi-layer metal core of the therapeutic apparatus generating the magnetic field generally consists of the multi-layer silicon-metal sheet. Its opened end is placed in multi-layer form. The alternated magnetic field is generated from the opened end surface by the coil coiled around the metal core placed in multi-layer form atpredetermined round . When the round of the coil or the layer of the multi-layer metal coil is increased tomagnify the intensity of the magnetic field will end up with the larger body of the generator. Furthermore, if the only round of the coil is changed, it results in abnormal increase of the temperature. If the silicon-metal coil is increased only, it results in the increase in the weight of metal coil.</p>						
2. 24194		"วัสดุเคลือบแบบหลายแผ่นชั้นของโพลีเมอร์และกรรมวิธีการผลิต"		TH	19.03.1997	
B32B 27//3	9501002758		แลนิทซ์ไฮฟราย			นายไพโรลล เชนซ์
<p>The invention relates to a multi-layer material and a process for producing it. The multi-layer material consists of a polyester substrate coated with a duroplastic polymer and a pressure-sensitive adhesive. The polymer coating is made by reacting a hydroxyl-group-containing polyurethane polymer and a low-molecular linear polyisocyanate with catalytic organic tin additives and colorants. The multi-layer material is tear and weather-resistant. A transparent reactive coating, e.g. a toner or ink-receptive coating or a metal coating may be applied to the opposite side of the polymer-coated substrate. Such multi-layer materials are suitable for stretching over large areas of frames in model aircraft construction or as image and printing substrates for copiers using ordinary paper or as an advertising material.</p>						

3. Issues of the Database of Each IPO in ASEAN

PATENTSCOPE (PS) only includes the information concerning patents and utility models, whereas the database of each IPO in ASEAN includes the information concerning designs and trademarks besides patents and utility models.

Now, I will explain the issues of the database of each IPO in ASEAN.

1)E-Status(Indonesia)

2018/4/17 renewal

The image shows a screenshot of the DJKI (Direktorat Jenderal Kekayaan Intelektual) website. The header includes navigation links for PATEN, MEREK, HAK CIPTA, DESAIN INDUSTRI, INDIKASI GEOGRAFIS, and DTST & RD, along with a search bar. The main navigation menu includes e-FILING HKI, e-PENELUSURAN HKI, and e-INFORMASI HKI. A dropdown menu is open under e-PENELUSURAN HKI, with 'Pangkalan Data KI Indonesia' circled in red. The background features a banner for the 'PUSAT DATA NASIONAL KIK INDONESIA' with a description of the national intellectual property data center.

DJKI
DIREKTORAT JENDERAL KEKAYAAN INTELEKTUAL
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA R.I.

PATEN ▾ MEREK ▾ HAK CIPTA ▾ DESAIN INDUSTRI ▾ INDIKASI GEOGRAFIS ▾ DTST & RD ▾

Q search...

e-FILING HKI e-PENELUSURAN HKI e-INFORMASI HKI

MAKLUMAT PELAYANAN

Pangkalan Data KI Indonesia

- Paten Public Domain Indonesia
- Pangkalan Data KI Komunal
- WIPO Global Brand
- WIPO Global Design
- WIPO PatentScope
- ASEAN Patentscope
- ASEAN GI Database
- ASEAN TMView Database
- ASEAN DesignView Database
- ASEAN TMClass

PUSAT DATA NASIONAL KIK INDONESIA

Merupakan pangkalan data kekayaan komunal Indonesia yang mencakup ekspresi budaya tradisional, pengetahuan tradisional, potensi indikasi geografis dan sumber daya genetik.

Patent Search Fields(ID)

Pencarian Terstruktur Paten

Pencarian Berdasarkan Nomor

Number Search

Nomor Permohonan Paten

No

Application
Number

Kelas IPC

IPC

Nomor Paten

No

Registration
Number

Nomor Prioritas

Priority
Number

Nomor Pengumuman

No

Publication
Number

Cari Berdasarkan Periode

Date Search

Tahun Permohonan

Ta

Application Year

Tanggal Penerimaan

D

Application Date

Tanggal Pengumuman

Da

Publication Date

Tanggal Pemberian

D

Registration Date

Tanggal Dimulai Pelindungan

D

Rights Start

Tanggal Berakhir Pelindungan

D

Rights Expiration

Cari Berdasarkan Teks

Text Search

Judul Invensi

Jud

Title

Nama Inventor

Na

Inventor

Nama Konsultan

Na

Agent Name

Abstrak

Ab

Abstract

Nama Pemegang Paten

Na

Applicant
Name

Jumlah Klaim

Ju

Claim Number

Cari Berdasarkan Asal Pemohon

Nationality

Asal Permohonan

-

Applicant Area

Kewarganegaraan Pemegang Paten

-

Applicant
Nationality

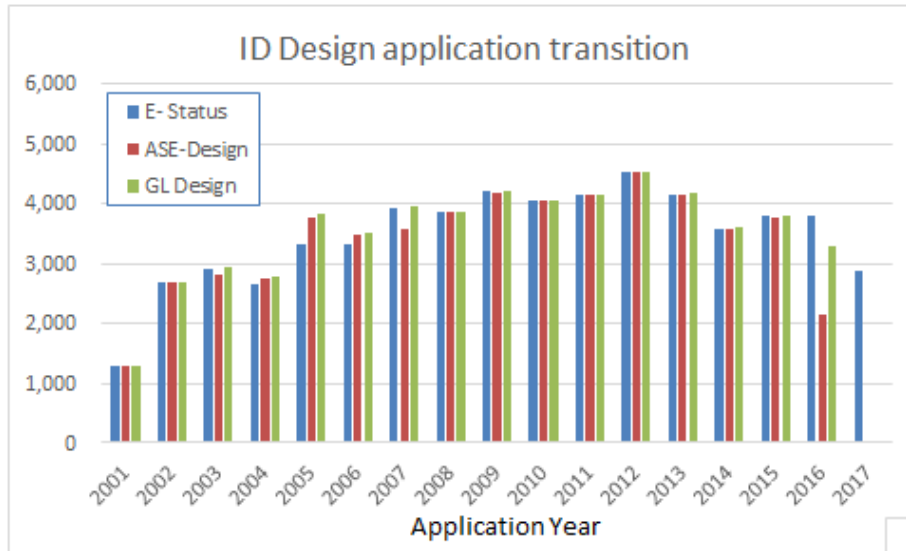
Kewarganegaraan Inventor

-

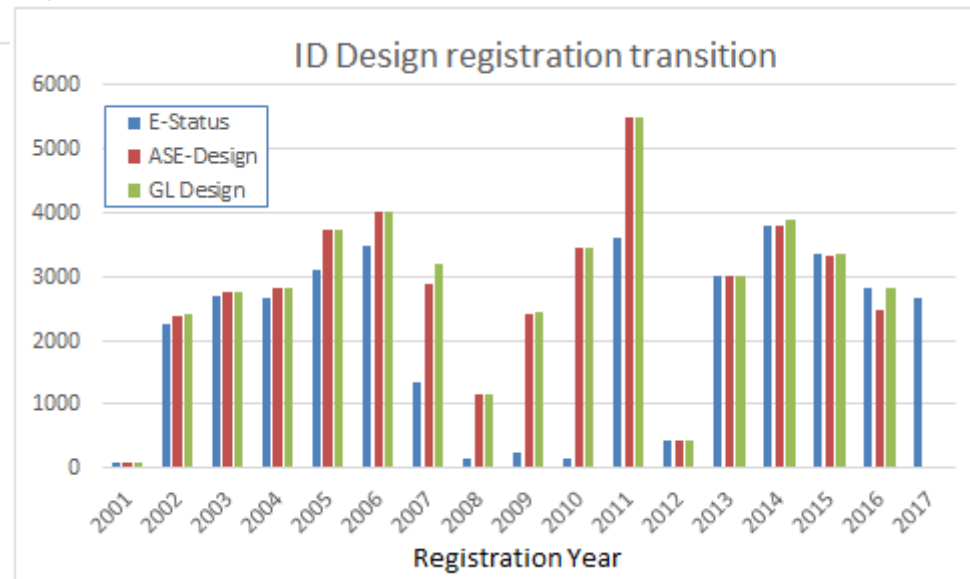
Inventor
Nationality

Unable to search with multiple Numbers, IPC, Terms

Coverage Indonesian Design database



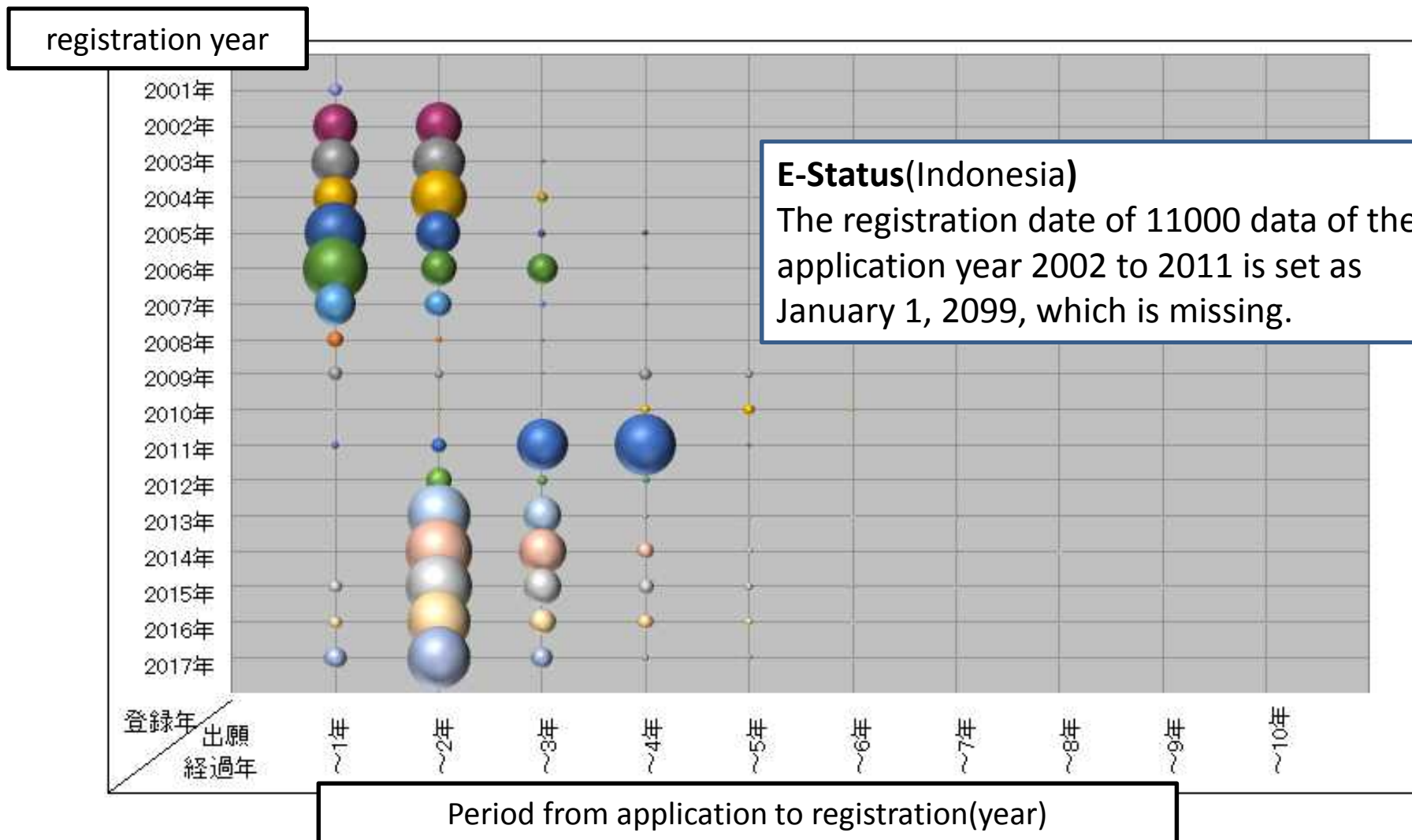
Abnormality in registration data



As of June 30, 2018

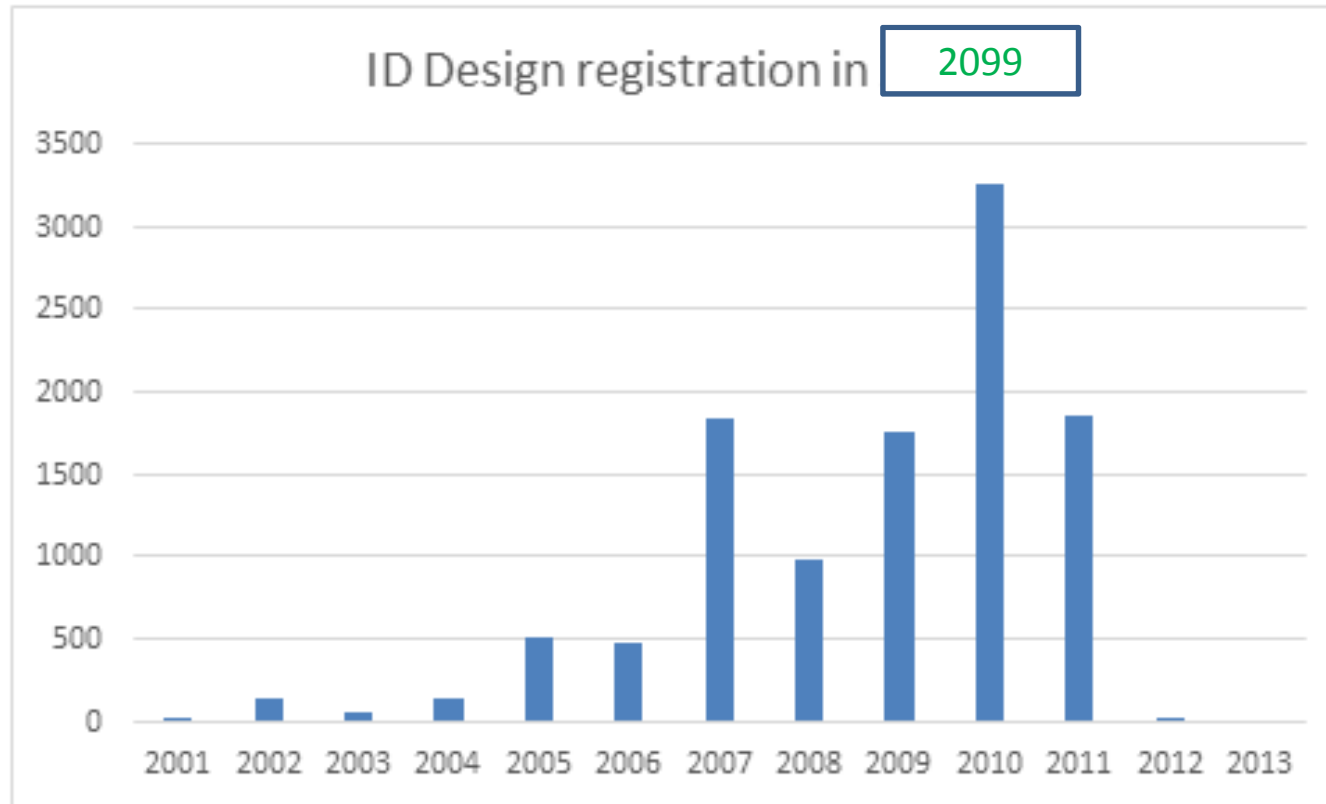
Indonesian Design database

(Period from application to registration)



As of April 22, 2018

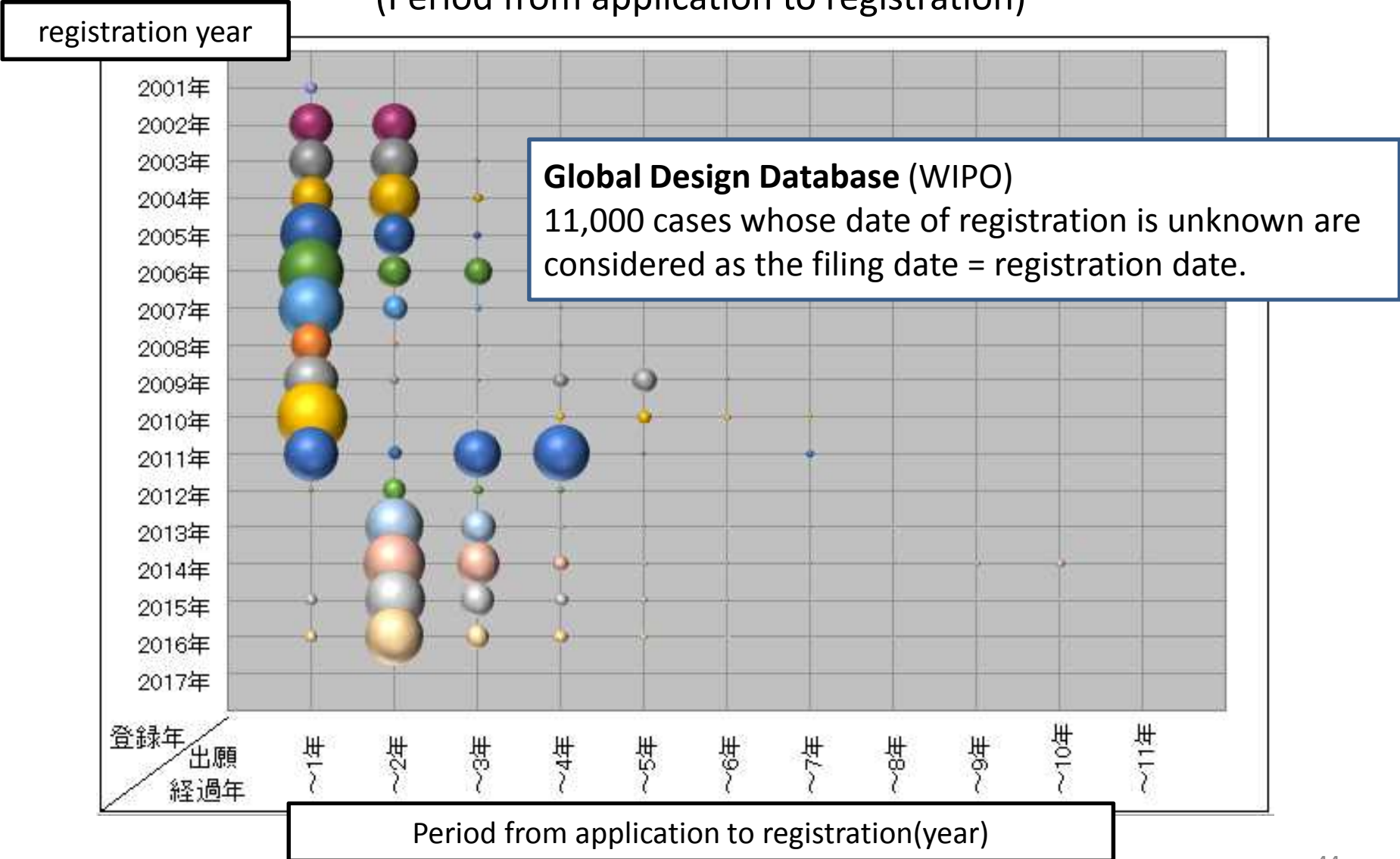
E-Status Design Database(Indonesia)



Application Year

Indonesian Design database

(Period from application to registration)



2) MyIPO (Malaysia)

Application Number	<input type="text"/>	Invention Title	<input type="text" value="multilayer"/>
Abstract	<input type="text" value="laminat "/>	<p>Although it is an AND operation between fields, ... TI: multilayer and AB: laminate ⇒ error TI: multilayer and AP: NITTO ⇒ error AB: multilayer and AP: NITTO ⇒ Searchable TI: multilayer and IPC: "B32B 27" ⇒ Searchable</p>	
Applicant	<input type="text"/>		
Agent Name	<input type="text"/>		
Legal Status	<input type="text"/>		
Divisional Application	<input type="text"/>	<p>Within the field "Multilayer laminate" is an AND operation. What is the OR operation?</p>	
Date of Filing	<input type="text"/>	Date of End of Protection	<input type="text"/>
Date of Grant	<p>Application year or range search (01/01/2017 TO 31/12/2017) can not be done.</p>		
Date open to public (18 months publication)	<input type="text"/>	Date of Lapsing	<input type="text"/>
<input type="button" value="Search"/>		<input type="button" value=" << Back to Simple Search"/>	

3) IPOPHL (Philippines)

IPOPHL PATENT SEARCH
INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES

OLD FILE NO.	<input type="text"/>	FOR ADVANCE USERS	
NEW FILE NO.	PH <input type="text"/> <input type="text"/>		
INVENTOR	<input type="text"/>	LOCARNO	<input type="text"/>
APPLICANT/ASSIGNEE	<input type="text"/>		<locarno code>/<locarno subclass code>
TITLE	<input type="text"/>	IPC	<input type="text"/>
ABSTRACT	<input type="text"/>		<section code>/<class code>/<subclass code>/<group code>/<subgroup code>
INTERNATIONAL	<input type="text"/>		
PH	<input type="text"/>		

SEARCH

DOCUMENTS FOUND:

PH

INVENTION
Utility Model
Industrial Design
Any

Phrase search available
AND, OR operations available

Multiple IPC, LOCARNO can not be used.



Search result list (IPOP HL)

FILE NO:	PH/1/1999/1271
OLD FILE NO:	11999001271
FILING DATE:	5/28/1999
PUBLICATION DATE:	3/4/2002
ISSUED DATE:	
TITLE:	RESIN-COATED COMPOSITE FOIL, PRODUCTION THEREOF, AND PRODUCTIONS OF MULTILAYER COPPER-CLAD LAMINATE AND MULTILAYER PRINTED WIRING BOARD USING THE RESIN-COATED COMPOSITE FOIL
ABSTRACT:	
OWNER/S:	MITSUI MINING AND SMELTING CO., LTD. `
INVENTOR/S:	
STATUS:	Forfeited (for non revival after substantive withdrawal)
LINK/S:	BD - Bibliographic Data AB - Abstract CL - Claims DE - Description DR - Drawing
FILE NO:	PH/1/2014/502042
OLD FILE NO:	12014502042
FILING DATE:	9/15/2014
PUBLICATION DATE:	11/24/2014
ISSUED DATE:	
TITLE:	LAMINATE INSPECTION METHOD, LAMINATE INSPECTION APPARATUS, AND LAMINATE MANUFACTURING APPARATUS
ABSTRACT:	When irradiating a light on a first surface of a flat cable with reinforcing plates, on a side of a second surface of the flat cable with reinforcing plates, to properly form shadows of conductors and a reinforcing plate, a light having a first light intensity is irradiated on the first surface, and to properly form shadows of edges of a window portion of the flat cable with reinforcing plates, a light having a second light intensity is irradiated on the first surface, a transmission image is captured from
OWNER/S:	TOTOKU ELECTRIC CO., LTD.
INVENTOR/S:	KIUCHI Kazuaki KOAIZAWA Hisashi KAISE Tomio TAKAGI Toshihide
STATUS:	To check for filing
LINK/S:	

Can see Claims and Description fields

Can not read claims or descriptions without a link

4)IP2SG(Singapore)

Application No.	<input type="text"/>
Filing Date From	<input type="text"/>  To <input type="text"/>  (dd/mm/yyyy)
Applicant / Proprietor Name	<input type="text"/>
Agent Name	<input type="text"/>
Case No.	<input type="text"/>
Additional Information for Patent	
Publication No.	<input type="text"/>
Title	<input type="text" value="multilayer or multi layer or laminate"/> Able to perform AND, OR operation in the same field
Inventor	<input type="text"/>
International Patent Classification	<input type="text" value="B32B 27"/>
Application Status Click here for Glossary of IP Status and Case Status.	<input type="checkbox"/> All Status <input type="checkbox"/> Abandoned <input type="checkbox"/> Abandoned (Extension of Time Possible) <input type="checkbox"/> Lapsed <input type="checkbox"/> Lapsed (Restoration Pending) <input type="checkbox"/> Patent In Force <input type="checkbox"/> Pending (Published) <input type="checkbox"/> Refused (Extension of Time Pending) <input type="checkbox"/> Revoked <input type="checkbox"/> Withdrawn <input type="checkbox"/> Abandoned (Extension of Time Pending) <input type="checkbox"/> Expired <input type="checkbox"/> Lapsed (Late Renewal Possible) <input type="checkbox"/> Lapsed (Restoration Possible) <input type="checkbox"/> Pending (Not Published) <input type="checkbox"/> Refused <input type="checkbox"/> Refused (Extension of Time Possible) <input type="checkbox"/> Surrendered

Abstract, Claim, Description are filed in PDF.

5)DIP(Thailand)

<input checked="" type="checkbox"/>		(THAILAND-TH)	<input type="checkbox"/>		WIPO	<input type="checkbox"/>		KIPO (KOREA)
<input type="checkbox"/>		(THAILAND-EN)	<input type="checkbox"/>		EPO (EUROPEAN)	<input type="checkbox"/>		IP AUSTRALIA
<input type="checkbox"/>		JPO (JAPAN)	<input type="checkbox"/>		USPTO (USA)	<input type="checkbox"/>		DPMA (GERMANY)

4

Tags:
 สิทธิบัตร


Type

Fields	Comparison	Statement	Join Operator	String Comparison
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<input type="text" value="IPC/IDC"/>	<input type="text" value="like"/>	<input type="text" value="B29C67/02"/>	<input type="text" value="AND"/>	<input type="text" value="ส่วนหนึ่งส่วนใด"/>

Order By

Unable to search for multiple Numbers, IPC, Terms in the same field

6) IPLib(Vietnam)

 NATIONAL OFFICE OF INTELLECTUAL PROPERTY OF VIETNAM
Industrial Property Digital Library (IP LIB) English

Wed, 05/09/2018

SEARCH QUERY CREATION FOR PATENT

	Field Name		Expression
	IPC	=	B29C67/00 B29C67/02
AND	Filing Date	>=	01/01/2000
AND	Filing Date	<=	31/12/2016
AND	Title or Abstract text	=	

- Able to perform OR search for multiple Numbers, IPC, Terms in the same field
- Unable to perform AND search in the same field

DigiPat(Vietnam)



CỤC SỞ HỮU TRÍ TUỆ VIỆT NAM

Vietnam DigiPat - Thư viện số về Bằng độc quyền Sáng chế/Giải pháp hữu ích của Việt Nam

Tìm đơn giản | Tìm nâng cao | Hướng dẫn

Tìm kiếm nâng cao

Tên trường		Biểu thức	
IPC	=		
Và	Tên sáng chế	=	
Và	Mô tả	=	
Và	Tóm tắt	=	
Và			

Search for registered patents

Dữ liệu thư mục	Bản mô tả	Yêu cầu bảo hộ	Hình vẽ	Tài liệu gốc
<p>Confirmation of Claim</p> <p>1. Phương pháp sản xuất các sản phẩm chất dẻo nhẹ bao gồm các chất điều chỉnh quá trình và các chất phụ gia để tạo thành một hợp chất dẻo nóng chảy rất đồng nhất và được chuyển trạng thái học khuôn, khác biệt ở chỗ, chuyển hợp chất dẻo này tới hốc khuôn ở nhiệt độ cao hơn nhiệt độ phân hủy của chất tạo bọt kết hợp với các chất phụ gia điều chỉnh sự phân hủy tùy chọn và tại thời điểm khi hợp chất đạt tới nhiệt độ đủ để chất tạo bọt trong hợp chất dẻo bị phân hủy và trước thời điểm bắt đầu phân hủy.</p> <p>Đặt vào hốc khuôn hợp chất dẻo và giữ nhiệt độ trong hợp chất dẻo và giữ nhiệt độ trong hốc khuôn cao hơn nhiệt độ phân hủy của chất tạo bọt trong hợp chất dẻo cho tới khi đạt được mức độ phân hủy mong muốn của chất tạo bọt, và giữ áp suất trong hốc khuôn đủ để ngăn không cho chất dẻo bị giãn nở hoặc chỉ giãn nở tới một mức độ không đáng kể, khi chất tạo bọt phân hủy, và giảm áp suất trong hốc khuôn sau khi đạt được mức độ phân hủy mong muốn để hợp chất dẻo giãn nở.</p> <p>2. Phương pháp theo điểm 1, khác biệt ở chỗ, thành phần chất dẻo chứa các chất phụ gia điều chỉnh sự phân hủy chất tạo bọt hoá học phản ứng toả nhiệt hoặc thu nhiệt hoá học trong hốc khuôn.</p> <p>3. Phương pháp theo điểm 1, khác biệt ở chỗ, phương pháp này còn có thêm công đoạn làm nguội bề mặt sản phẩm chất dẻo dưới áp suất cao trong hốc khuôn tới nhiệt độ thấp hơn nhiệt độ phân hủy của chất tạo bọt trước khi bắt đầu phân hủy chất tạo bọt hoá học.</p> <p>4. Phương pháp theo điểm 1, khác biệt ở chỗ, phương pháp này còn có thêm công đoạn làm nguội bề mặt sản phẩm chất dẻo trong hốc khuôn tới nhiệt độ làm cho bề mặt có độ cứng và độ bền đủ cao để sản phẩm chất dẻo được lấy ra khỏi hốc khuôn mà không có bất kỳ phần nào của sản phẩm giãn nở đáng kể, trước khi toàn bộ sản phẩm được lấy ra khỏi hốc khuôn.</p>				

4. Overview of ASEAN PATENTSCOPE (AWGIPC)

2017/8/27release



ASEAN PATENTSCOPE

[About](#) [English](#)

Patents

SEARCH

ADVANCED SEARCH

USER SELECTION (0)

+/- Fields

Original Filing #

Publication Number

Filing Date

(yyyyMMdd)



Pub. Date

(yyyyMMdd)



Concordance Terms

選んでください



Search

Reset



Showing 1 to 20 of 503315



Features of ASEAN PATENTSCOPE (ASE-PS)

- ASE-PS contains patent information of 8 ASEAN States (BN, ID, KH, MY, PH, SG, TH and VN) only
- It enables users to conduct a patent search across the ASEAN States.
- It enables users to perform AND, OR operations in the same field.
“(multilayer OR laminate) AND film”
- **Combination search, which is available in PATENTSCOPE, is not available**
- **IPC also has some restrictions, such as not being able to search the main group**
- Claims and Description search fields are displayed, however, those data are missing.
- ASE-PS deletes last search expression each time you conduct a search.

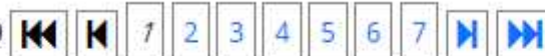
ASEAN PATENTSCOPE Select search fields

SEARCH	ADVANCED SEARCH	USER SELECTION (0)	
			<input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="+/- Fields"/>
TEXT FIELDS	DATE FIELDS	NUMBER FIELDS	
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<input type="checkbox"/> Applicant Country		<input type="checkbox"/> Applicant	<input type="checkbox"/> Applicant Bilingual
<input type="checkbox"/> Application SubType		<input type="checkbox"/> Application Type	<input type="checkbox"/> Applicant Residence
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<input type="checkbox"/> CPC Classes		<input type="checkbox"/> Description	<input type="checkbox"/> File Type
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<input type="checkbox"/> Representative Name		<input type="checkbox"/> Representative Residence	<input type="checkbox"/> Status Code
<input type="checkbox"/> Status		<input type="checkbox"/> Internal Status	<input type="checkbox"/> Title
<input type="checkbox"/> Title English		<input type="checkbox"/> Title Bilingual	<input type="checkbox"/> Identifier

ASEAN PATENTSCOPE Search Results

List View

Showing 1 to 20 of 130



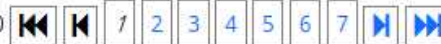
Original Filing #:	ID P00201602789	Publication Number:	2017/09579 - 2017.09.01
PCT Filing #:	PCT/FR2014/052929	Filing Date :	2014.11.17
IPC Classes:	C08F 20/06, C08K 5/375, C08F 2/38, C08K 3/32	Reg. #:	-
Applicant:	COATEX		
Inventor:	SUAAU, Jean-Marc		
Title:	METODE UNTUK MEMPOLIMERASI ASAM MET (AKRILAT) DALAM SUATU LARUTAN, LARUTAN POLIMER YANG DIPEROLEH DAN PENGGUNAANNYA METHOD FOR POLYMERISING METH(ACRYLIC) ACID IN A SOLUTION, POLYMER SOLUTIONS OBTAINED AND USES THEREOF		
Abstract:	<p>Invensi ini berkaitan dengan metode baru untuk pembuatan polimer asam (met)akrilat bebas pelarut dalam larutan, polimer yang memiliki berat molekul kurang dari 8.000 g/mol dan indeks polidispersitas (PI) 2 hingga 5 dengan polimerisasi radikal.</p> <p>The present invention relates to a novel method for solvent-free preparation of a polymer of (meth) acrylic acid in a solution, said polymer having a molecular weight of less than 8,000 g/mol and a polydispersity index (PDI) of 2 to 5 by radical polymerisation.</p>		

ASEAN PATENTSCOPE Search Results

Table View

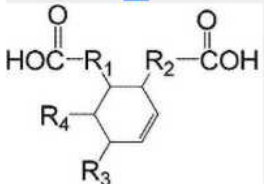


Showing 1 to 20 of 130



DRAWING	TITLE	ORIGINAL FILING #	FILING DATE	REG. #	REG. DATE	PUB. DATE	IPC CLASSES	APPLICANT	INVENTOR	APPLICATION SUBTYPE	STATUS
<input type="checkbox"/>	METODE UNTUK MEMPOLIMERASI ASAM MET (AKRILAT) DALAM SUATU LARUTAN, LARUTAN POLIMER YANG DIPEROLEH DAN PENGGUNAANNYA	P00201602789	2014.11.17			2017.09.01	C08F238 C08K332 C08F2006 C08K5375	COATEX	SUAU, Jean-Marc	PCT National Phase Non UMKM	Published
<input type="checkbox"/>	METODE POLIMERISASIAN LARUTAN ASAM (MET) AKRILAT	P00201603397	2014.11.26			2017.08.25	C08F2006 C08F2202	COATEX	SUAU, Jean-Marc	PCT National Phase Non UMKM	Published
<input type="checkbox"/>	PROSES UNTUK PEMBUATAN KOPOLIMER ETILENA DALAM REAKTOR TUBULAR	P00201607337	2015.03.26			2017.08.04	B01J1918 C08F201 C08F21002	SAUDI BASIC INDUSTRIES CORPORATION SABIC GLOBAL TECHNOLOGIES B.V.	SLOTS, Sjors BODEGOM VAN, Robert Cornelis KAN VAN, Joannes Augustinus Maria	PCT National Phase Non UMKM	Published

Bilingual Notation (ASEAN PATENTSCOPE)



Original Filing #:	ID PID201707917	Publication Number:	2018/05664 - 2018.05.25
PCT Filing #:	PCT/KR2015/012288	Filing Date :	2015.11.16
IPC Classes:	A45D 34/04, C07C 29/00, C08G 18/32, C08J 9/22, C08L 75/04	Reg. #:	-
Applicant:	LG HOUSEHOLD & HEALTH CARE LTD.		
Inventor:	KANG, Sung-Soo KIM, Kyong-Seob PARK, Sang-Wook SHIN, Se-Ra LEE, Sang-Hyub		
Title:	BUSA POLIURETAN YANG LEMBUT MENGGUNAKAN HIDROKARBON POLIOL, DAN KANDUNGAN KOSMETIK YANG SAMA		
Abstract:	<p>SOFT POLYURETHANE FOAM USING HYDROCARBON POLYOL, AND COSMETIC COMPRISING SAME</p> <p>Invensi saat ini memberikan suatu komposisi untuk busa uretan yang lembut untuk membuat busa uretana yang lembut, yang terdiri dari polioliol, dan busa uretan yang berbusa lembut dengan menggunakan yang sama, dimana polioliol adalah satu yang dipilih dari diantara polioliol hidrokarbon, minyak nabati, dan asam dimer yang berasal dari minyak sayur, atau campuran polioliol hidrokarbon, minyak nabati, dan asam dimer yang berasal dari minyak sayur. Invensi saat ini dapat mengendalikan polaritas bahan impregnasi untuk impregnasi komposisi kosmetik, yang komposisi busa uretana menggunakan impregnasi untuk pembuatan yang sama.</p> <p>The present invention provides a composition for a soft urethane foam to prepare a soft urethane foam, comprising a polyol, and a foamed soft urethane foam using the same, wherein the polyol is any one selected from among a hydrocarbon polyol, a vegetable oil, and a vegetable-derived dimer acid, or a mixture of a hydrocarbon polyol with any one selected from among a vegetable oil and a dimer acid. The present invention provides an impregnation material for impregnation of a hydrophilic cosmetic composition, and an impregnation-use urethane foam composition for preparing the same.</p>		

Indonesian

English

**Bilingual notations are provided by
Indonesia and Thailand only**

5. Benefits of PATENTSCOPE (when compared with National Patent Office databases)

- ① Cross country search available
- ② Compound search available
A long sentence(exceeds 1000 bytes) search expression is also available
- ③ PS can translate in 108 languages (Instantaneous)
- ④ Simple analysis of search results is also available
(although Applicant Names are not aggregated)

Issues of PATENTSCOPE (PS) (when compared PS with the databases of IPOs in ASEAN)

- ① PS includes Patent Publications whose IPC codes are totally missing. Although the databases of IPOs in ASEAN include the similar cases, the number of those of PS is a little larger than those of their databases.
- ② Regarding the simple analysis of search results on PS, you must be careful as Applicant Names and Inventor Names are analyzed without being aggregated by name.
- ③ In PS, Main groups and Subgroups of IPC of Thailand (TH) are separated by “//” instead of “/”. Also, there are a few cases where “//” appears between these groups of IPC of Vietnam (VN).
- ④ The “bibliographic data and abstracts” of ASEAN are included in PS, and “claims” and “complete specifications” are not included in it yet. In some countries including Singapore, Thailand and Vietnam, claims are made available to the public online or in Patent Publications in a PDF file.

SUMMARY

PATENTSCOPE (PS)

Search and display ○
Able to read claims ×

ASEAN PATENTSCOPE (ASE-PS)

Search and display △
Able to read claims ×

Databases of IPOs in ASEAN

	ID	MY	PH	SG	TH	VN
Search and display	△	△	△	△	△	△
Able to read claims	×	×	△	○	○	○

A searcher needs to conduct a search using PS and the databases of IPOs in ASEAN in combination.

Survey report on industrial property database of intellectual property office of each country of ASEAN (JETRO report) (only Japanese)

	Country	URL
	Indonesia	https://www.jetro.go.jp/ext_images/world/asia/idn/ip/pdf/search_ip_communique2017.pdf
	Philippines	https://www.jetro.go.jp/ext_images/world/asia/ph/ip/pdf/search_ip_communique2017.pdf
	Vietnam	https://www.jetro.go.jp/ext_images/world/asia/vn/ip/pdf/search_ip_communique2017.pdf
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	Singapore	https://www.jetro.go.jp/ext_images/world/asia/sg/ip/pdf/search_ip_communique2017.pdf
	Common to all countries	https://www.jetro.go.jp/ext_images/world/asia/asean/ip/pdf/search_ip_communique_asean2017.pdf