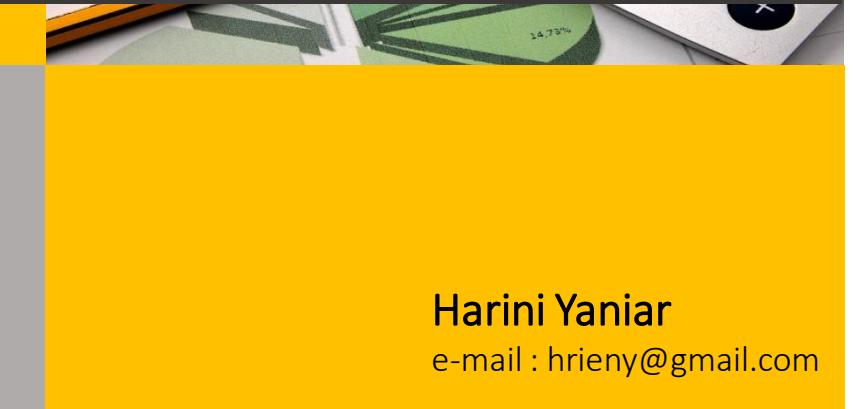
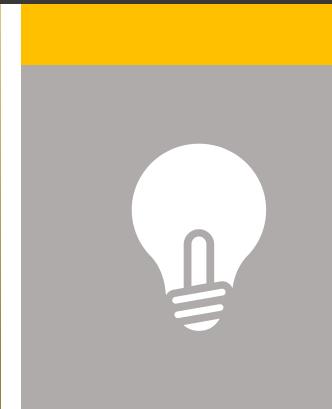


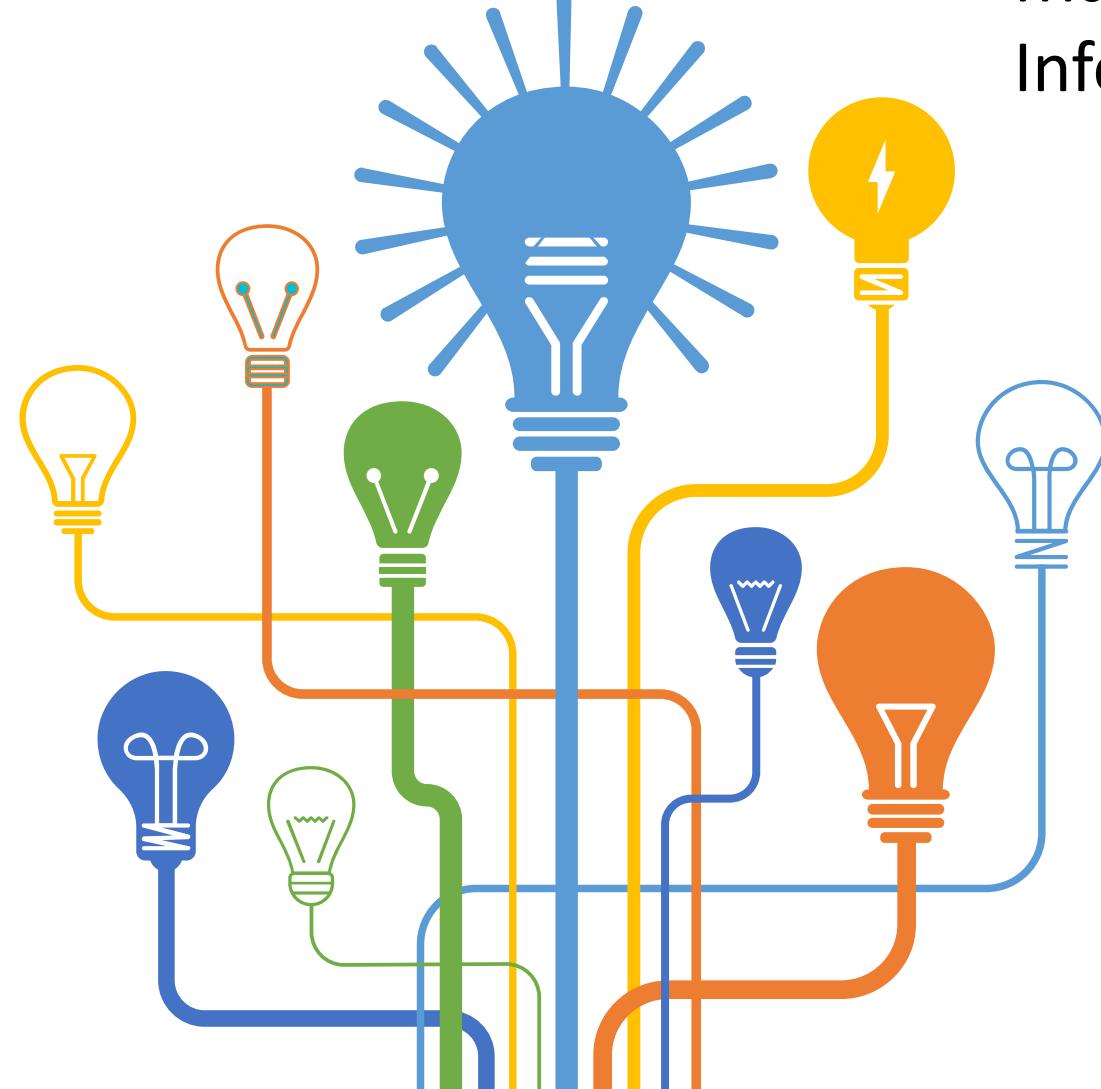


Penelusuran Informasi Paten



Harini Yaniar
e-mail : hrieny@gmail.com

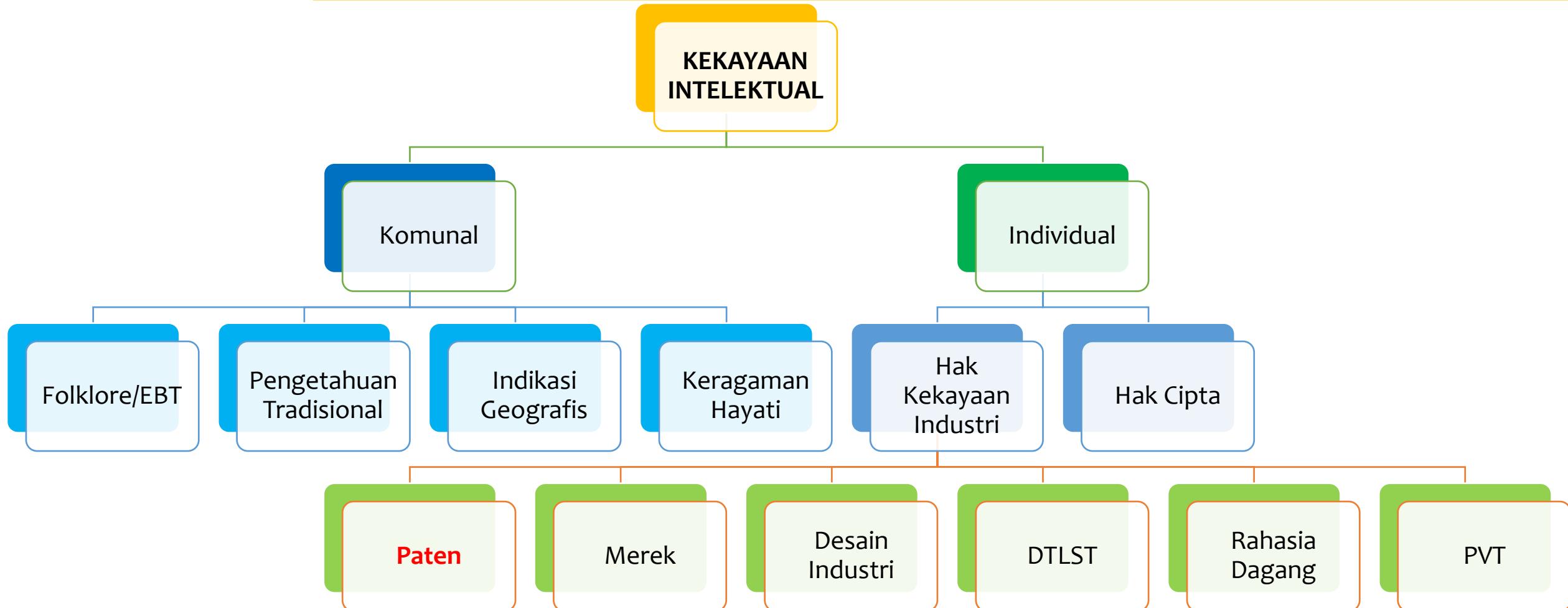
Review Kekayaan
Intelektual



Manfaat
Informasi Paten?

Teknik
Penelusuran
Informasi Paten

Review Kekayaan Intelektual



Komunal → Pemiliknya entitas masyarakat atau negara sebagai pemegang hak

Individual → Pemilik dan Pemegang hak ekslusifnya orang / badan hukum

CABANG KI	OBJEK PERLINDUNGAN	PEROLEHAN	LAMA PERLINDUNGAN	KETERANGAN
Hak Cipta	Karya Ciptaan, Seni, dll	Publikasi	<ul style="list-style-type: none"> • Seumur hidup plus 70 tahun • 50 tahun • 20 tahun 	Tidak dapat diperpanjang
Merek	gambar, nama, kata, huruf-huruf, angka-angka, susunan warna atau kombinasi dari unsur-unsur tersebut	Pendaftaran	10 tahun	Dapat diperpanjang
Desain Industri	Desain suatu produk	Pendaftaran	10 tahun	Tidak dapat diperpanjang
Perlindungan Varietas Tanaman	Varietas hasil kegiatan pemuliaan tanaman	Pendaftaran	25 tahun untuk tanaman tahunan	Tidak dapat diperpanjang
Desain Tata Letak dan Sirkuit Terpadu	Rangkaian elektronik		20 tahun untuk tanaman musiman	
Paten	Produk atau proses yang menghasilkan solusi teknologi	Pendaftaran	20 tahun untuk paten biasa 10 tahun untuk paten sederhana	<ul style="list-style-type: none"> • Perlindungan berlaku surut • Tidak dapat diperpanjang
Rahasia Dagang	Informasi yang dapat meningkatkan keuntungan	Terjaga kerahasiaannya	Selama informasi tetap dijaga	Tidak dapat diperpanjang

Hak Cipta

UU No. 28 Tahun 2014

Hak Cipta adalah hak eksklusif pencipta yang timbul secara *otomatis* berdasarkan prinsip deklaratif setelah suatu ciptaan diwujudkan dalam bentuk nyata tanpa mengurangi pembatasan sesuai dengan ketentuan peraturan perundang-undangan.



Ranah Hak Cipta adalah pada persoalan perbanyak atau salin ulang.

Objek Hak Cipta

Selama hidup Pencipta + 70 tahun

- Buku, Pamflet, dan semua karya tulis lainnya;
- Ceramah, kuliah, pidato, dan ciptaan sejenis lainnya;
- Alat Peraga untuk pendidikan;
- Lagu atau musik;
- Drama, drama musical, tari, koreografi, pewayangan dan pantomime;
- Lukisan, gambar, ukiran, kaligrafi, seni pahat, patung atau kolase;
- Karya arsitektur;
- Peta;
- Karya seni batik atau seni motif lain.

50 tahun sejak pertama kali diumumkan

- Karya fotografi;
- Potret;
- Karya sinematografi;
- Permainan video;
- Program Komputer;
- Perwajahan karya tulis;
- Terjemahan, saduran, bunga rampai, hasil transformasi;
- Terjemahan, transformasi atau modifikasi ekspresi budaya tradisional;
- Kompilasi ciptaan atau data;
- Kompilasi ekspresi budaya tradisional selama kompilasi tersebut merupakan karya yang asli,

Ekspresi Budaya Tradisional

Negara melindungi Hak Cipta atas Ekspresi Budaya Tradisional tanpa batas waktu (Pasal 38).

verbal textual, baik lisan maupun tulisan, yang berbentuk prosa maupun puisi, dalam berbagai tema dan kandungan isi pesan;

musik, mencakup antara lain: vokal, instrumental atau kombinasinya;

gerak, mencakup antara lain: tarian, beladiri, dan permainan;

teater, mencakup antara lain: pertunjukan wayang dan sandiwara rakyat;

seni rupa, baik dalam bentuk dua dimensi maupun tiga dimensi yang terbuat dari berbagai macam bahan; dan

upacara adat, yang juga mencakup pembuatan alat dan bahan serta penyajiannya.

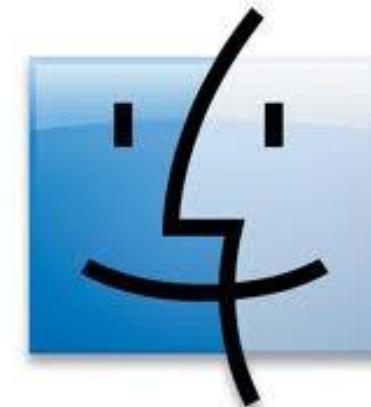
Karakteristik Hak Cipta (1)

Perlindungan diberikan bukan terhadap ide melainkan terhadap ekspresi dari ide tersebut.



IDENYA SAMA →
PIRANTI LUNAK
PENULISAN DOKUMEN

EKSPRESINYA BEDA
→ BAHASA
PERINTAH
(ALGORITMA) SERTA
TAMPILAN
INTERFACE



Mac

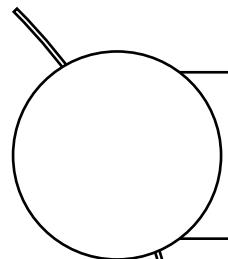
Karakteristik Hak Cipta (2)

Perlindungan diberikan pada saat karya itu lahir atau dipublikasikan

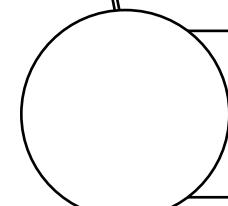
hak cipta timbul secara otomatis saat karya diciptakan

Karakteristik Hak Cipta (3)

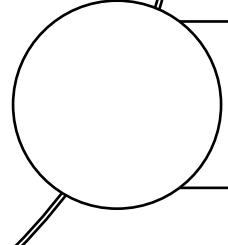
Hak Cipta tidak memerlukan pendaftaran



Pendaftaran biasanya diperlukan untuk komersialisasi pembuktian dalam kasus hukum



Pendaftaran hanyalah pencantuman Ciptaan dan Pencipta dalam Daftar Ciptaan



Perlu dipertimbangkan aspek strategis

Plagiarisme Vs Pelanggaran Hak Cipta

✓ **Contoh – melakukan plagiarisme tanpa melanggar hak cipta:**

Mengutip kalimat dari buku tanpa menyebutkan pengarangnya. Buku tersebut tidak lagi dilindungi dengan Hak Cipta lagi karena usianya yang sudah tua.

✓ **Contoh – melanggar hak cipta tanpa melakukan plagiarisme :**

Mengambil bab-bab di buku yang masih dilindungi dengan Hak Cipta tanpa izin. Meskipun Anda tidak menyontek karena telah menyebutkan sumbernya namun secara hukum bisa dituntut.

Penggunaan Paraphrase

KATA JADIAN / PARAFRASE

FAKTA

Hari telah malam

Hewan itu mati

SASTRA

Matahari menyembunyikan
sinarnya

Makhluk kecil itu meregang nyawa

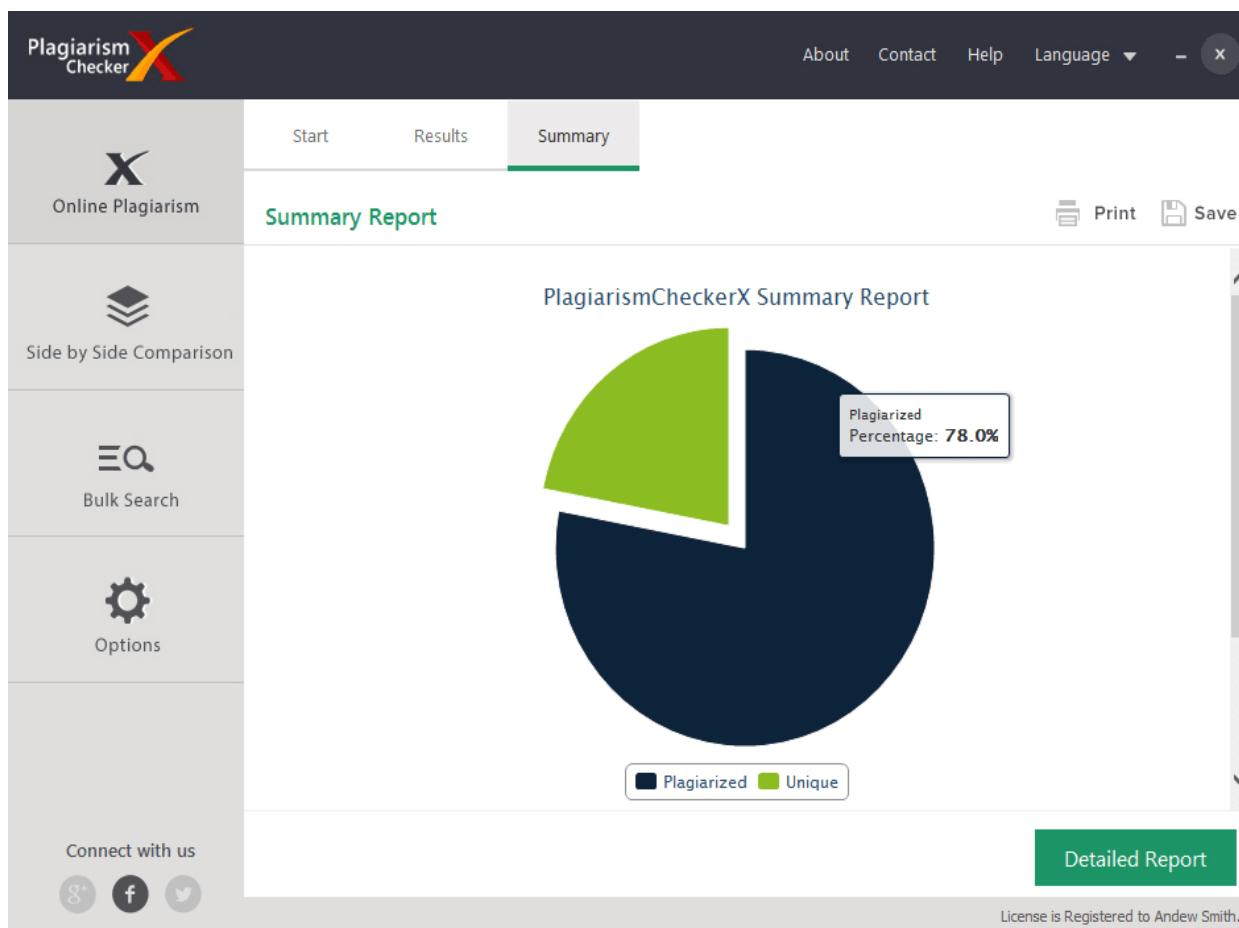
TEKNIK

Cakrawala berubah menjadi gelap

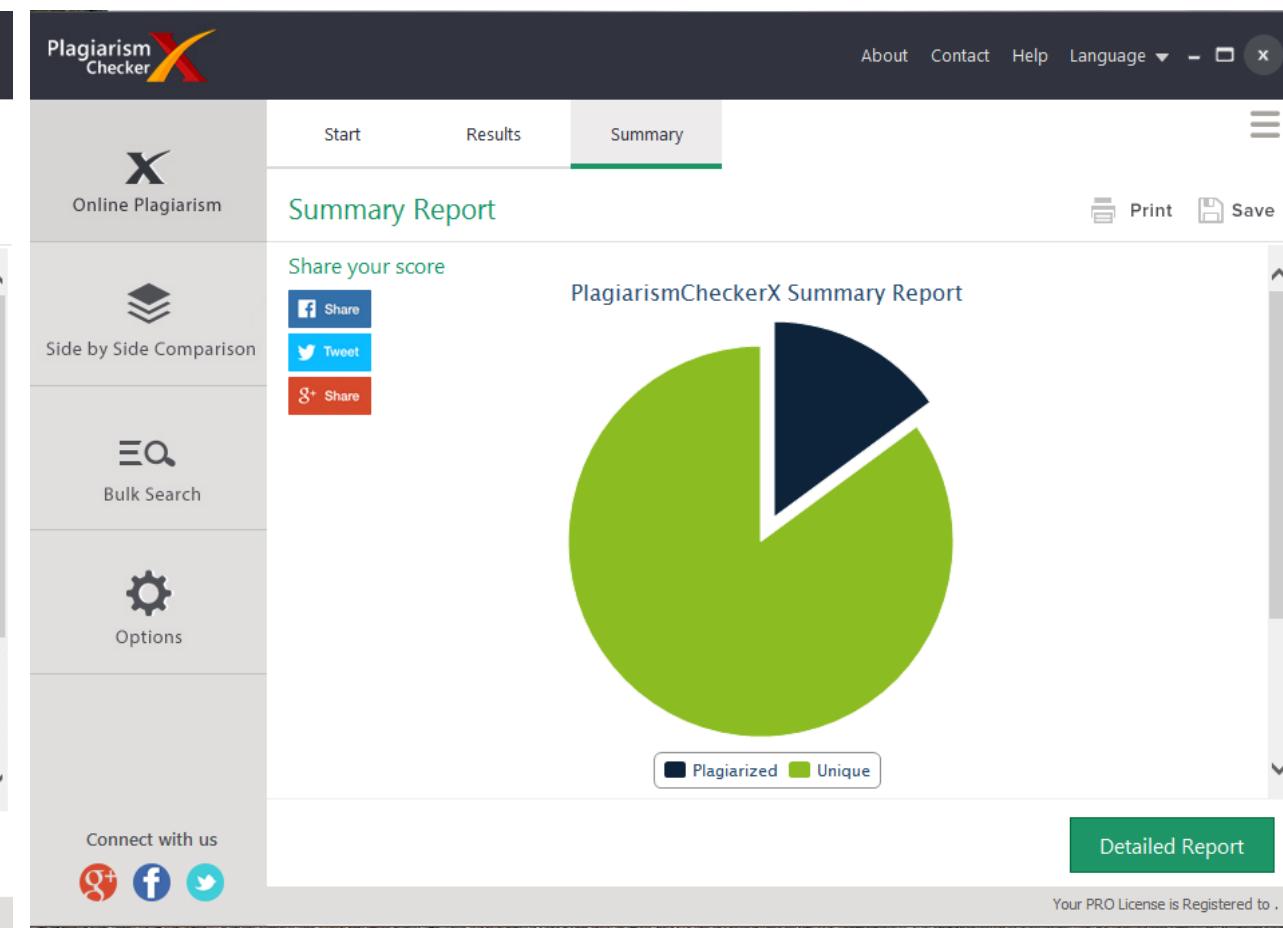
Hilangnya indikasi kehidupan pada
hewan itu

Pengujian Plagiarisme

Originalitasnya Rendah



Originalitasnya Tinggi



“Paten adalah hak eksklusif yang diberikan oleh negara kepada inventor atas hasil **invensinya** di bidang **teknologi** untuk jangka waktu tertentu melaksanakan sendiri invensi tersebut atau memberikan persetujuan kepada pihak lain untuk melaksanakannya”

PATEN = PATERE = OPEN

Inventor menjelaskan invensinya secara lengkap dalam bentuk dokumen yang dipublikasi sehingga orang lain tahu persis apa yang telah ditemukan oleh inventor. Sebagai imbalannya, pemerintah memberi hak monopoli untuk jangka waktu tertentu bagi inventor. Hak monopoli tersebut disebut sebagai paten.

Mengapa Dokumen Paten

Informasi Paten

- Bebas hak cipta
- Terbuka bagi publik
- Memuat informasi teknis yang jarang ditemukan
- Menghindari duplikasi penelitian
- Menghasilkan lompatan pengetahuan
- Hemat biaya riset
- Terdapat lebih dari 50.000.000 paten di dunia

Paten = Legalitas kepemilikan atas teknologi

Pembanding yang memiliki kredibilitas

Akuntabilitas aktivitas riset

Sumber Informasi Paten



United States Patent and Trademark Office
An Agency of the Department of Commerce

Patent Full-Text Databases



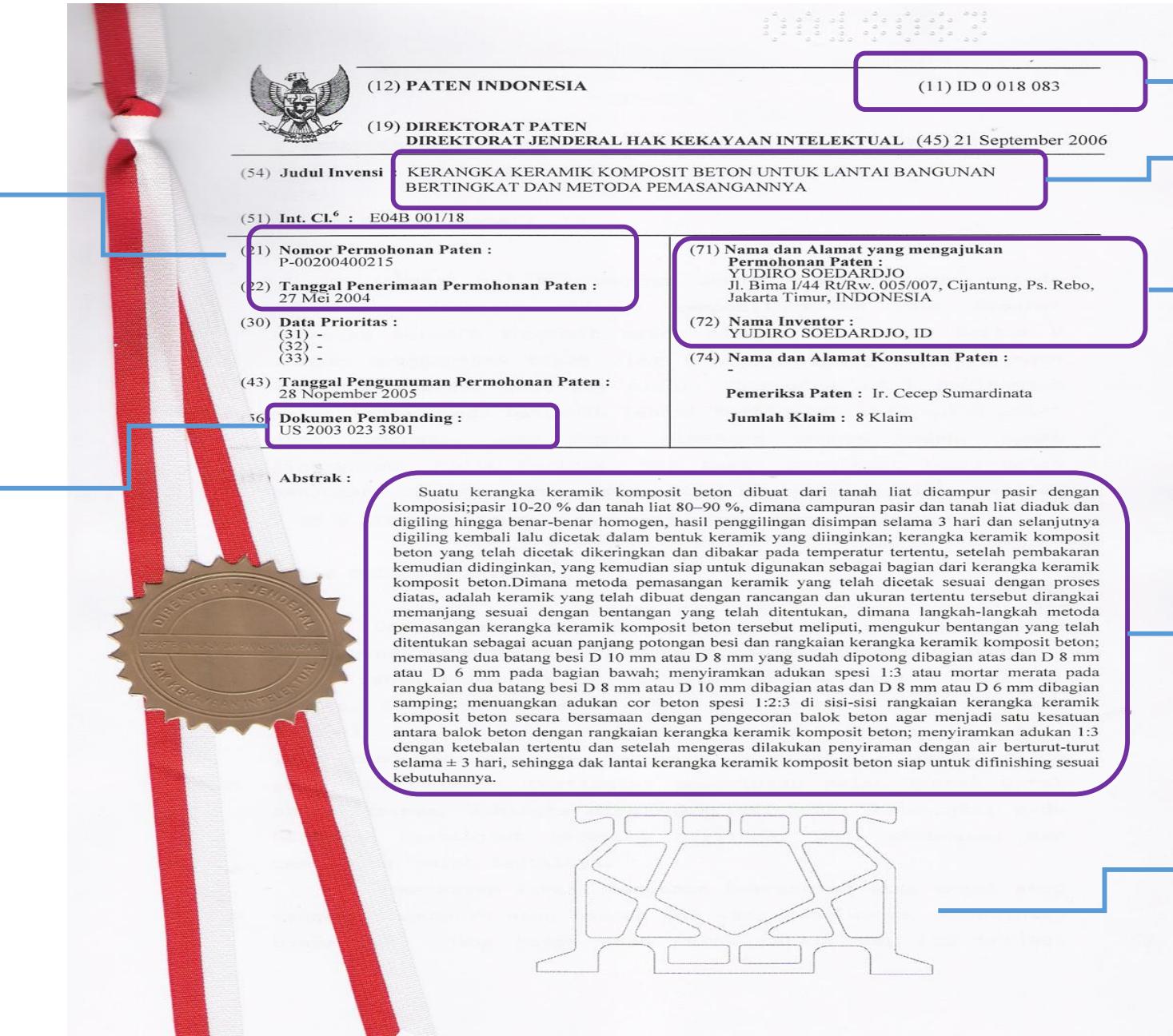
EspaceNet
Patent search



PATENTSCOPE

Search International and National Patent Collections

Nomor dan tanggal Permohonan



Nomor Paten

Judul Paten

Nama dan alamat Inventor

Abstrak

Gambar



US 20130289744A1

(19) **United States**
(12) **Patent Application Publication**
Bavar et al.

(10) **Pub. No.: US 2013/0289744 A1**
(43) **Pub. Date:** **Oct. 31, 2013**

(54) **SMART SYSTEM FOR TRACKING PHYSICAL ACTIVITY IN CHILDREN, AND AWARDING CREDIT FOR, AND CONTROLLING USAGE OF, ELECTRONIC ENTERTAINMENT**

(71) Applicant: **ARTATECH, INC.**, Needham, MA (US)

(72) Inventors: **Amir Ardavan Bavar**, Franklin, MA (US); **Ramin Abrishamian**, Needham, MA (US)

(21) Appl. No.: **13/870,553**

(22) Filed: **Apr. 25, 2013**

Related U.S. Application Data

(60) Provisional application No. 61/637,923, filed on Apr. 25, 2012.

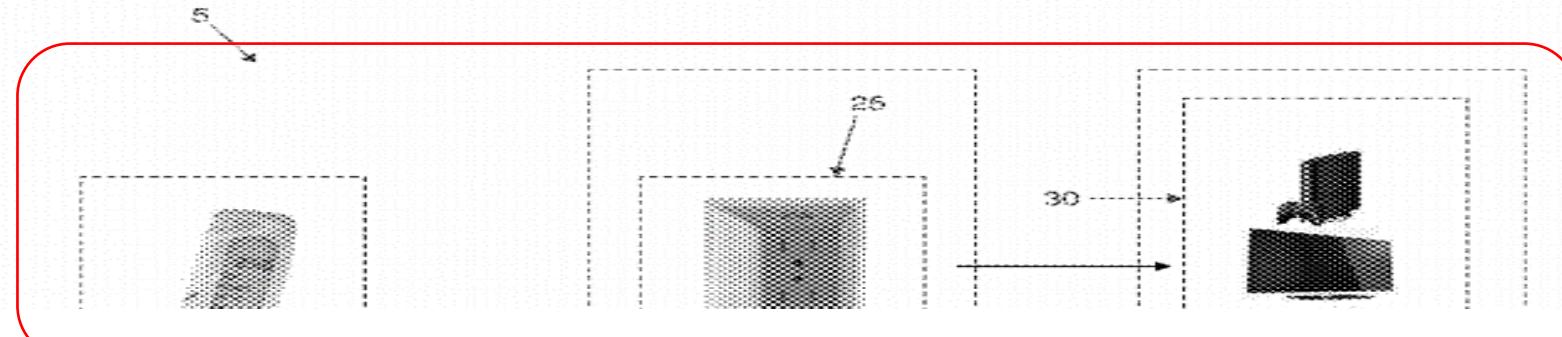
Publication Classification

(51) **Int. Cl.** **G05B 11/01** (2006.01)
(52) **U.S. Cl.** CPC **G05B 11/01** (2013.01)
USPC **700/9**

(57) **ABSTRACT**
A system for tracking physical activity by a user and for controlling usage of an electronic device by the user, the system comprising:

a Digital Physical Activity Monitor (DPAM) configured to be worn by the user and record the physical activity performed by the user as physical activity time credits; and

a Digital Control Means (DCM) for controlling the amount of time that the user can use the electronic device, wherein the DCM receives physical activity time credits from the DPAM and enables the electronic device for a period of time corresponding to the physical activity time credits relayed by the DPAM.



Manfaat Informasi Paten

PENELITI :

- Menghindari duplikasi riset
- Inspirasi untuk mengembangkan riset yang lebih baik
- Update informasi trend riset

PATEN DRAFTER :

- Sumber analisis *novelty*
- Sumber informasi *trend teknologi*

Manfaat Informasi Paten

PEMERIKSA PATEN:

- memeriksa kebaruan dan unsur langkah inventif dari suatu permohonan paten secara universal
- dasar pemberian paten

PENGUSAHA:

- Sumber analisis tren pasar
- Sumber data *expired patent*
- *Technology surveillance*, untuk memantau strategi R&D dari kompetitor

Pendekatan dalam Penelusuran Informasi Paten

IPC/USPC/
Classification System Search

3

4

Patent
Mapping

Keyword Search

1

2

Keyword Search +
Boolean

Keyword Search

- ▶ Kata-kata yang menjelaskan fitur-fitur teknis yang esensial dari invensi
- ▶ *Keywords* dapat ditelusuri pada *title, abstract, description or claims*
- ▶ Perlu dipertimbangkan:
 - kata sinonim, *e.g. using specialized dictionaries*
 - variasi kata *e.g. US plow vs. GB plough*
 - Bahasa yang digunakan: *Only EN documents retrieved with EN keywords*

Quick Search

➤ *Freeform text keyword*

- Dari *field* manapun
- Contoh: big data/ US09471404 / IBM / G06F

➤ *Exact phrases*

- Dari *field* manapun
- Contoh:

“big data” / “International Business Machines Corporation”

Boolean Keyword

- ❖ *title, title or abstract, inventor, applicant*
- ❖ *OR, AND, NOT*
- ❖ Symbols
 - * any number of characters following the stem word.
The stem must have at least 3 characters
 - ? up to the number of character corresponding to number of ? used
 - # exactly the number of characters corresponding

ca*not allowed, too short

car* *car, cars, carbondioxide*

car## *carts, cards* but not *car, cart*

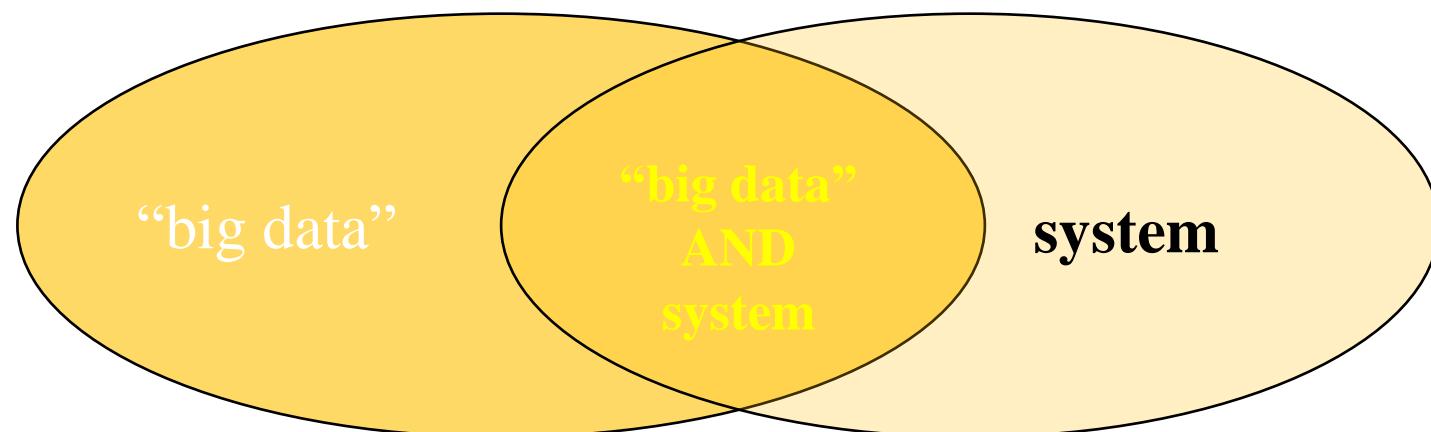
colo?r not allowed

Quick Search (AND)

➤ *Operator Boolean logic*

- Dari satu *field* yang sama
- Contoh:

“big data” AND system



- Hasil: **hanya** dokumen-dokumen yang mengandung *keywords* “big data” dan “system” di dalamnya.

Quick Search (OR)

➤ *Operator Boolean logic*

- Dari satu *field* yang sama
- Contoh:

“big data” OR system



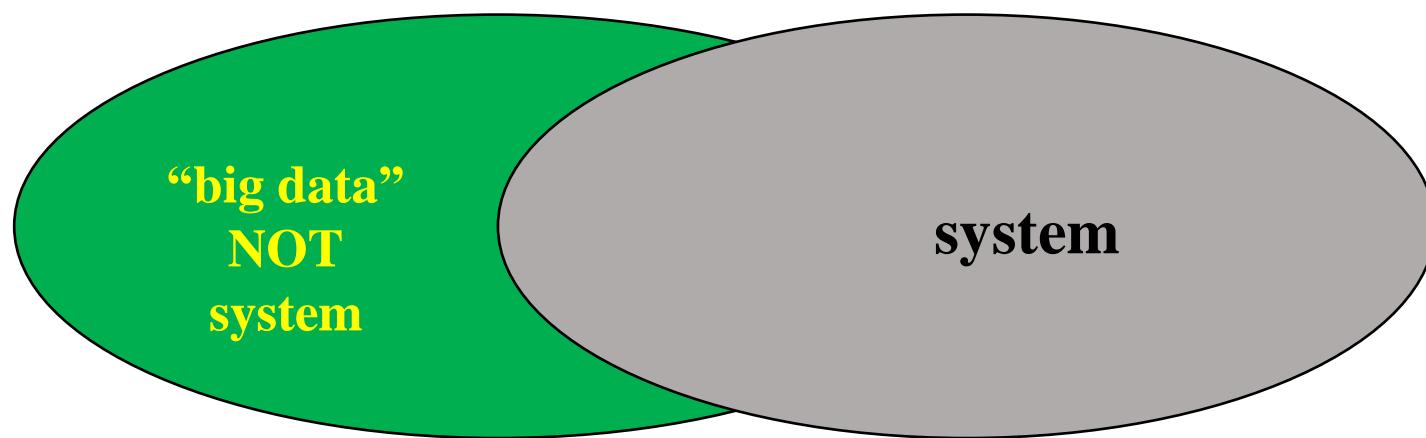
- Hasil: dokumen-dokumen yang mengandung *keywords* “big data” maupun “system” maupun yang mengandung kedua *keywords* tersebut di dalamnya.

Quick Search (NOT)

➤ *Operator Boolean logic*

- Dari satu *field* yang sama
- Contoh:

“big data” NOT system



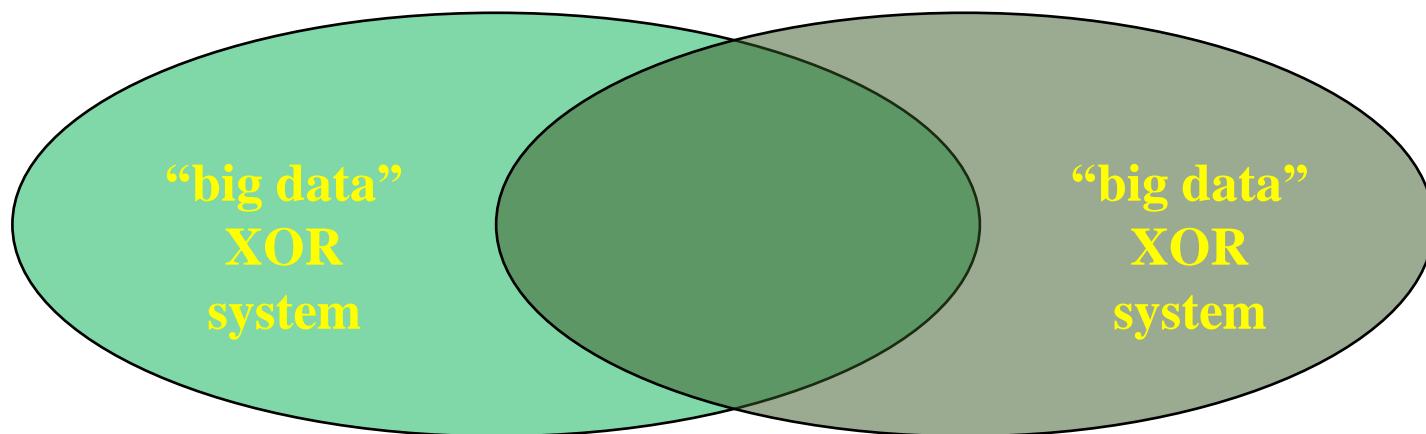
- Hasil: dokumen-dokumen yang mengandung *keywords* “big data” **namun tidak ada** *kevwords* “svstem” di dalamnya.

Quick Search (XOR)

➤ *Operator Boolean logic*

- Dari satu *field* yang sama
- Contoh:

“big data” XOR system



- Hasil: dokumen-dokumen yang mengandung *keywords* “big data” **maupun** “system” di dalamnya **namun bukan** yang mengandung

DIREKTORAT JENDERAL KEKAYAAN INTELEKTUAL

<http://e-statushki.dgip.go.id/>

The screenshot shows the homepage of the e-Status Kekayaan Intelektual website. At the top left is the logo 'PENGAYOMAN' with three stylized trees. Next to it is the text 'e-Status Kekayaan Intelektual' and 'DIREKTORAT JENDERAL KEKAYAAN INTELEKTUAL'. On the right side, there are two search forms: 'Penelusuran Sederhana Paten' and 'Penelusuran Terstruktur Paten'. Below these forms is a section titled 'Cari Berdasarkan Teks' with fields for 'Judul Permohonan', 'Abstrak', 'Nama Inventor', 'Nama Pemegang Paten', and 'Nama Konsultan Paten'. The background features a stylized road map with arrows pointing towards the search interface. The road map includes labels for 'Copyright' (with a 'C' icon), 'Trademark ®' (with a 'TM' icon), and 'Industrial Design' (with an 'ID' icon). At the bottom of the page, there is a footer bar with the text 'Hak Cipta © 2016 DJKI, Direktorat Jenderal Kekayaan Intelektual' and links for 'Home', 'Tentang Kami', and 'Disclaimer'.



Penelusuran Sederhana Paten

Paten

Paten

Merek

Desain Industri

Hak Cipta

Penelusuran Terstruktur Paten

Cari Berdasarkan Nomor

Nomor Permohonan Paten :

Nomor Permohonan

Nomor Paten :

Nomor Paten

Nomor IPC :

Nomor IPC

Nomor Prioritas :

Nomor Prioritas

Nomor Urut Permohonan :

Nomor Urut Permohonan

Nomor Pengumuman :

Nomor Urut Permohonan

Cari Berdasarkan Teks

Judul Permohonan :

Judul Permohonan

Abstrak :

Abstrak

Nama Inventor :

Nama Inventor

Nama Pemegang Paten :

Nama Pemegang Paten

Nama Konsultan Paten :

Klaim :



e-Status Kekayaan Intelektual

Direktorat Jenderal Kekayaan Intelektual

Penelusuran Sederhana Paten

A Sortir :

Nomor Permohonan

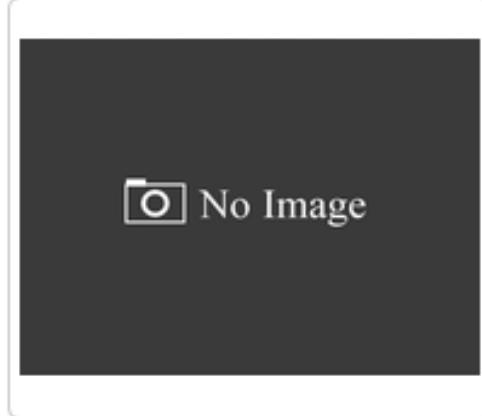
ASC

A Status :

- Ditolak
- Diberi
- Batal
- Dalam Proses
- Berakhir

■ Jumlah Pencarian

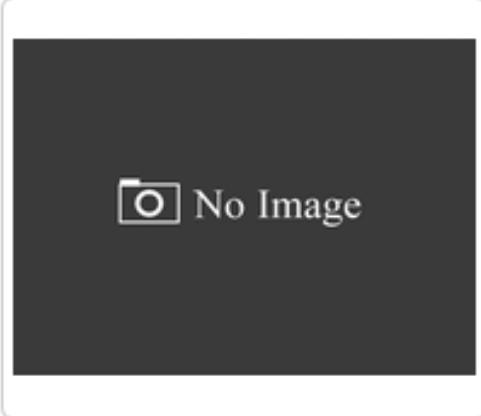
Semua : 3
Indonesia : 3



Dalam Proses

P00201201086

ELEKTRODA BIOSENSOR
UNTUK PENENTUAN
GLISERIDA MENGGUNAKAN
ENZIM LIPASE TERMOSTABIL



Dalam Proses

P00201201096

PROSES PENGOLAHAN AIR
LIMBAH TEKSTIL
MENGGUNAKAN BIOFILM
KONSORSIUM BAKTERI
YANG DITEMPATKAN DALAM
REAKTOR SEDERHANA
SEMIANAEROB-AEROB



Dalam Proses

P00201407241

NANOKOMPOSIT SILIKA-KARBON SEBAGAI PENGUAT KAYU SINTETIK DARI SERAT LIGNOSELULOSA BERBAHAN BIOMASSA TROPIS KAYA SILIKON

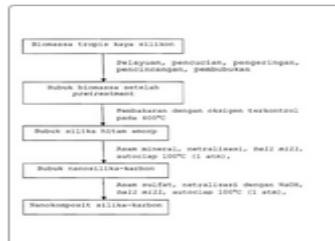


< Kembali Ke Pencarian

Jumlah Permohonan

Paten : 129,550
Merek : 1,096,142
Desain Industri : 65,134
Hak Cipta : 92,088

NANOKOMPOSIT SILIKA-KARBON SEBAGAI PENGUAT KAYU SINTETIK DARI SERAT LIGNOSELULOSA BERBAHAN BIOMASSA TROPIS KAYA SILIKON



PUBLIKASI A : [Download](#)

PUBLIKASI B : File tidak tersedia

EKSPOR PDF : [Download](#)

STATUS : (PA) Persetujuan Direktur untuk Komunikasi Status Rinci

TANGGAL PENERIMAAN : 21 November 2014

TANGGAL PENGUMUMAN : 26 February 2016

NOMOR PENGUMUMAN : 2016/00843

NOMOR PERMOHONAN : P00201407241

NOMOR PATEN : -

TANGGAL KADALUARSA : -

TANGGAL KEPEMILIKAN : -

TANGGAL PEMBERIAN : -

Abstrak

Invensi ini berupa proses pembuatan dan produk nanokomposit silika-karbon yang menggunakan bahan baku biomassa tropis kaya silikon. Nanokomposit silika-karbon yang dihasilkan dimanfaatkan sebagai bahan penguat pada proses pembuatan kayu sintetik dari biomassa tropis kaya silikon tersebut. Dengan demikian invensi ini juga adalah proses pembuatan kayu sintetik dari biomassa tropis

PEMEGAN PATEN :

Nama	Alamat	Kewarganegaraan
Lembaga Penelitian Universitas Pendidikan Ganesha	Jalan Udayana Singaraja 81116 Bali (u.p. Prof. Dr. A.A.I.N. Marhaeni, M.A.)	ID

INVENTOR :

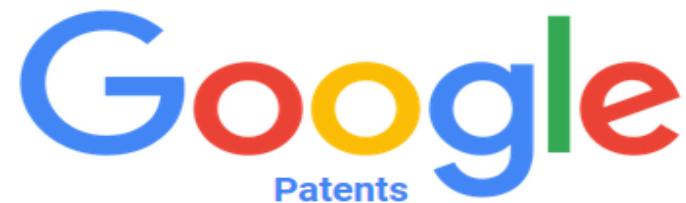
Nama	Alamat	Kewarganegaraan
Drs. I Wayan Muderawan, M.S., PhD	-	ID
Dr.rer.nat. I Wayan Karyasa, S.Pd., M.Sc	-	-
Ni Made Vivi Oviantari, S.Si., M.Si	-	-
Dr. I Made Gunamantha, S.T., M.T	-	-

GOOGLE PATENTS

**Kompilasi USPTO, EPO, JPO, IPOS, WIPO, DPMA, dan
CIPO, dll**

<https://patents.google.com/>

<https://google.com/patents>



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https://patents.google.com/?q=nano+composite

Search

Google Patents

SEARCH TERMS

nano composite + Synonym

+ Search term or CPC

SEARCH FIELDS

Before priority YYYY-MM-DD

+ Assignee

MORE ▾

About 41,540 results ordered by relevance grouped by classification 10 results / page

Download (CSV)

B82Y30/00?

Nano-technology for materials or surface science, e.g. nano-composites

Photoactive nanocomposite and method for the production thereof

Grant US7713779B2 • Muriel Firon • Commissariat A L'energie Atomique
Priority 2004-07-21 • Filing 2005-07-21 • Grant 2010-05-11 • Publication 2010-05-11
The invention concerns a photoactive **nanocomposite** (3) comprising at least one donor-acceptor couple of semiconductor elements. One of the elements is made of doped nanowires (7) with sp₃ structure, and the other of the elements is an ...

Intercalated clay useful for making an α-olefin polymer material nanocomposite

Grant US6500892B1 • C. Edward Bishop • Basell Poliolefine Italia S.P.A.
Priority 2000-06-16 • Filing 2000-06-16 • Grant 2002-12-31 • Publication 2002-12-31
Further disclosed is a **nanocomposite** comprising C 2 -C 3 α-olefin polymer material, and, dispersed in the matrix of the olefin polymer material, exfoliated clay material, the particles of which before exfoliation were intercalated with said ...

Nanocomposite composition comprising transparent nanoparticles

Application US20080090947A1 • Hyeon Jin SHIN • Samsung Electro-Mechanics Co., Ltd
Priority 2006-10-11 • Filing 2007-05-14 • Publication 2008-04-17
Disclosed is a **nanocomposite** composition, comprising transparent nanoparticles, a matrix polymer including a polydimethylsiloxane resin and an epoxy group-containing polydimethylsiloxane resin, and a siloxane dispersant including a head ...

→ Search within classification B82Y30/00 (23,539 results)

C08K9/00?

Top 1000 results by filing date

Relative count of top 5 values

Assignees Inventors CPCs

Assignee	Inventor	CPC	Count (%)
Jang Bor Z		C01B2204/00 B82Y40/00 C01B32/22 C01B32/19	3.4%
Aruna Zhamu		C01B2204/00 B82Y40/00 C01B32/22 C01B32/19	3.4%
Eastman Kodak Company		G02B C08K2003/2227 C08K3/26 C08K2003/265	1.7%
同济大学		Y02E60/12 Y02E60/10 Y02E60/00 Y02E	1.3%
北京化工大学		C08J2321/02 C08J2321/00 C08J3/2053 C08K9/02	1.3%

Expand

SEARCH TERMS

nano composite [X](#) + Synonym[+ Search term or CPC](#)

SEARCH FIELDS

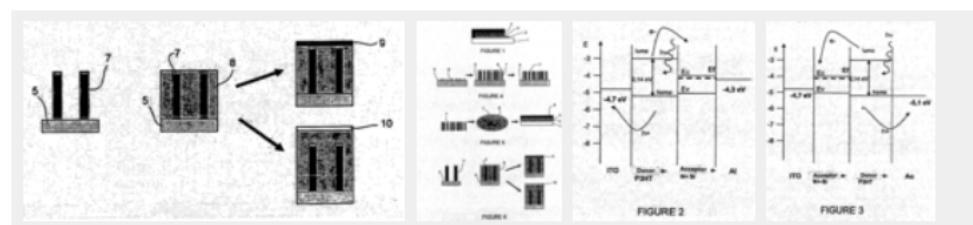
[Before priority YYYY-MM-DD](#)[+ Assignee](#)[MORE ▾](#)[BACK TO 42K RESULTS](#)

Photoactive nanocomposite and method for the production thereof

Abstract

The invention concerns a photoactive nanocomposite (3) comprising at least one donor-acceptor couple of semiconductor elements. One of the elements is made of doped nanowires (7) with sp³ structure, and the other of the elements is an organic compound (8). The elements are supported by a device substrate (1). The invention also concerns a production method. According to a first embodiment, after their growth, the nanowires (7) are retrieved, functionalised and solubilised in the organic component (8). The mixture is deposited by coating on a device substrate. According to a second embodiment, the nanowires (7) are formed on a growth substrate (5) which is also the device substrate. The organic component (8) is combined with the nanowires (7) so as to form an active layer (3). Such a photoactive nanocomposite (3) allows production of a photovoltaic cell.

Images (4)



Classifications

H01L51/4213 Comprising organic semiconductor-inorganic semiconductor hetero-junctions

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US7713779B2

US Grant

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Legal status: Expired - Fee Related, expires 2026-09-15

Application number: US11658041

Other versions: [US20070290197A1](#) (Application)Inventor: [Muriel Firon](#), [Bernard Drevillon](#), [Anna Fontcuberta i Morral](#), [Serge Palacin](#), [Pere Roca I Cabarrocas](#)

Current Assignee: Centre National de la Recherche Scientifique CNRS, Commissariat a l'Energie Atomique et aux Energies Alternatives, Ecole Polytechnique, Palaiseau

Original Assignee: [Ecole Polytechnique, Palaiseau](#), [Centre National de la Recherche Scientifique CNRS](#), Commissariat a l'Energie Atomique et aux Energies Alternatives

Priority date: 2004-07-21

Filing date: 2005-07-21

Publication date: 2010-05-11

Grant date: 2010-05-11

Info: Patent citations (6), Non-patent citations (4), Cited by (53),

USPTO – US Patent and Trademark Office

<http://patft.uspto.gov/>

The screenshot shows the homepage of the USPTO's PatFT system. At the top, there is a navigation bar with a lightbulb icon, "patft » Page 1 of 1", and a search bar containing "patft.uspto.gov". The main header features the United States Patent and Trademark Office logo and the text "An Agency of the Department of Commerce". To the right, a blue banner reads "Patent Full-Text Databases". The page is divided into three main sections:

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Nanocomposite: 6336 patents.

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Nanocomposite

PAT. NO.

Title

- 1 [9,780,434 T Flexible antenna and method of manufacture](#)
- 2 [9,780,379 T Alkali metal secondary battery containing a carbon matrix- or carbon matrix composite-based dendrite intercepting layer](#)
- 3 [9,780,367 T Anode active material for lithium secondary battery, method of preparing the same, and lithium secondary battery including the same](#)
- 4 [9,780,365 T High-capacity electrodes with active material coatings on multilayered nanostructured templates](#)
- 5 [9,780,364 T Method for producing a composite structure composed of porous carbon and electrochemical active material](#)
- 6 [9,780,358 T Battery designs with high capacity anode materials and cathode materials](#)
- 7 [9,780,349 T Carbon matrix- and carbon matrix composite-based dendrite-intercepting layer for alkali metal secondary battery](#)
- 8 [9,780,335 T Structured lamination transfer films and methods](#)
- 9 [9,779,884 T Capacitor with electrodes made of an interconnected corrugated carbon-based network](#)
- 10 [9,779,882 T Method of producing supercapacitor electrodes and cells having high active mass loading](#)
- 11 [9,777,337 T Detecting analytes](#)
- 12 [9,777,209 T Thermoset nanocomposite particles, processing for their production, and their use in oil and natural gas drilling applications](#)
- 13 [9,777,163 T Composition for coating](#)

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(1 of 6336)

United States Patent
Weller , et al.

9,780,434

October 3, 2017

Flexible antenna and method of manufacture

Abstract

A flexible microwave antenna having a "fish-scale" ground plane is provided. The approach represents a significant advance in the combined thickness and flexibility that can be achieved, especially when using relatively thick substrates which are important for optimum antenna performance. An increase in gain was observed when bent in a positive radius of curvature and further reduction of back radiation.

Inventors: Weller; Thomas (Lutz, FL), Cure; David (Tampa, FL), Herzig; Paul A. (St. Petersburg, FL), Miranda; Felix (Olmsted Falls, OH)

Applicant: Name City State Country Type

Weller; Thomas Lutz FL US
Cure; David Tampa FL US
Herzig; Paul A. St. Petersburg FL US
Miranda; Felix Olmsted Falls OH US

Assignee: University of South Florida (Tampa, FL)
Raytheon Company (Waltham, MA)

The United States of America Administrator of NASA (Washington, DC)

Family ID: 1000002367780

Appl. No.: 15/389,735

Filed: December 23, 2016

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Patent #: US009780434

Section: Front Page 1 of 21 pages

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(12) United States Patent Weller et al.

(10) Patent No.: **US 9,780,434 B1**
(45) Date of Patent: *Oct. 3, 2017

(54) **FLEXIBLE ANTENNA AND METHOD OF MANUFACTURE**

(71) Applicants: **Thomas Weller**, Lutz, FL (US); **David Cure**, Tampa, FL (US); **Paul A. Herzig**, St. Petersburg, FL (US); **Felix Miranda**, Olmsted Falls, OH (US)

(72) Inventors: **Thomas Weller**, Lutz, FL (US); **David Cure**, Tampa, FL (US); **Paul A. Herzig**, St. Petersburg, FL (US); **Felix Miranda**, Olmsted Falls, OH (US)

(73) Assignees: **University of South Florida**, Tampa, FL (US); **Raytheon Company**, Waltham, MA (US); **The United States of America Administrator of NASA**, Washington, DC (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **15/389,735**

(22) Filing date: **Aug. 22, 2016**

(52) **U.S. Cl.**
CPC **H01Q 1/085** (2013.01); **H01Q 1/48** (2013.01); **H01Q 9/0407** (2013.01)

(58) **Field of Classification Search**
CPC .. H01Q 9/16; H01Q 1/48; H01Q 1/38; H01Q 15/02; H01Q 1/085; H01Q 9/0407
See application file for complete search history.

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(Continued)

Primary Examiner — Dien H Duong

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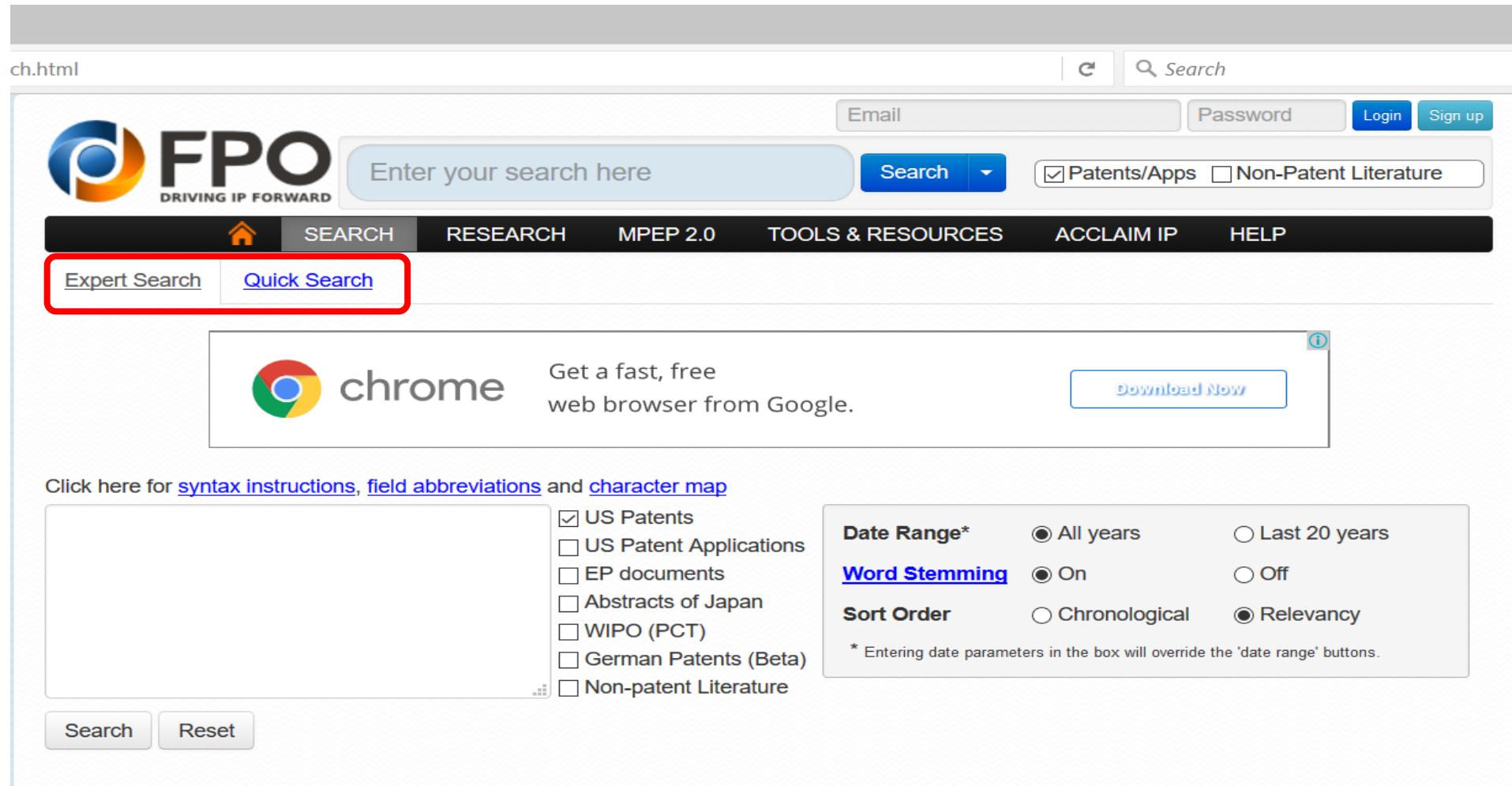
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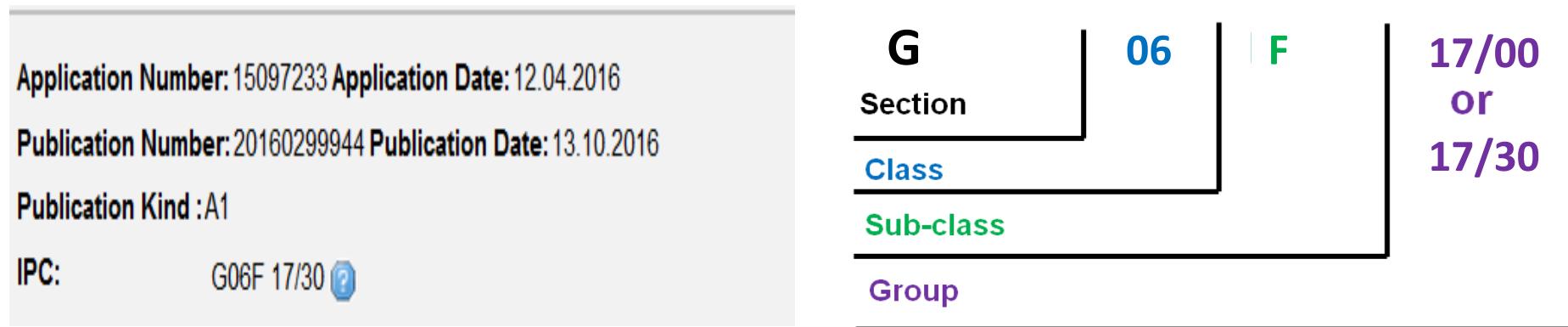
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D	TEXTILES; PAPER	
E	FIXED CONSTRUCTIONS	
F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING	
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D Textile;Paper

E Fixed Construction

F Mechanical Eng;Lighting; Heating; Weapon;

Blasting

G Physics

H Electricity

SUB KELAS

► Section A : Human Necessities

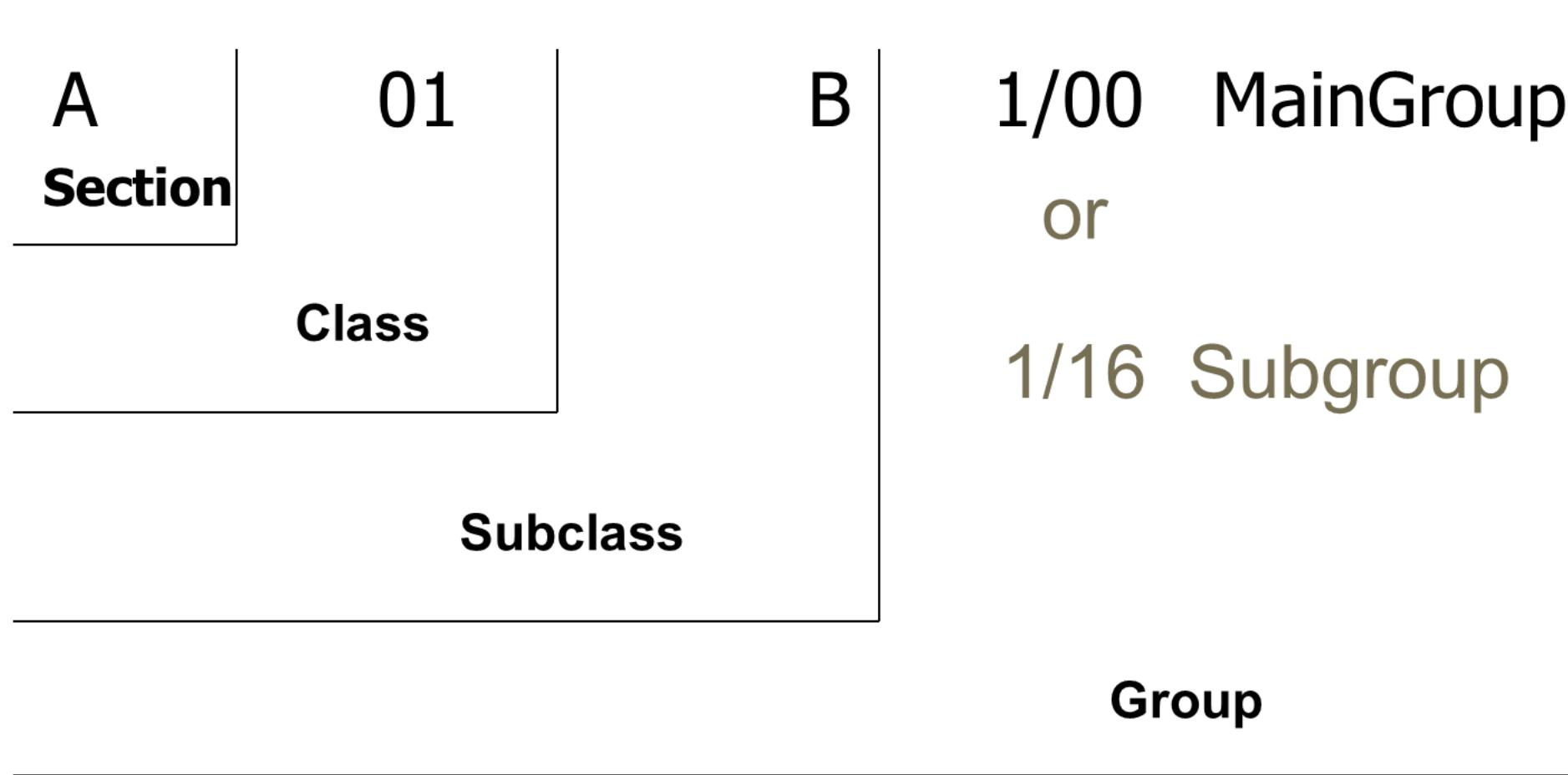
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► Subclass A 01 B : Soil working in agriculture; parts detail or accessories of Agricultural Machines or implements in General

► Main Group A 01 B 1/00 Hand Tools

► Sub Group A 01 B 1/16 Tools for uprooting weeds.

International Patent Classification (IPC)





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Analysis

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

Title			Ctr	PubDate
Int.Class	Appl.No	Applicant	Inventor	
1. 20160321310 ENHANCED HADOOP FRAMEWORK FOR BIG-DATA APPLICATIONS			US	03.11.2016
G06F 17/30	15141101	Hamoud ALSHAMMARI	Hamoud ALSHAMMARI	
Described herein are a server and a method for processing Big-Data. The server receives source data that is uploaded to processing nodes. The server maintains a data structure corresponding to a plurality of previously submitted jobs to the server, the data structure including at least one job identifier, at least one sequence of text associated with the at least one job identifier, and a list of processing nodes associated with the at least one sequence of text. The server receives a subsequent job including a job name from a client node and determines whether the job name matches the job identifier. The server allocates based on the determination, only the list of processing nodes corresponding to the matched identifier to the subsequent job and further updates the data structure.				
2. 20160321328 DYNAMIC VISUALIZATION OF BIG DATA			US	03.11.2016
G06F 17/30	15041069	INTERNATIONAL BUSINESS MACHINES CORPORATION	William M. Duckworth	
Dynamic visualization of big data is provided. Data describing a user is received from at least one of a plurality of data sources. One or more characteristics of the user are determined based, at least in part, on the data describing the user. One or more visual indicators are determined based, at least in part, on the one or more characteristics of the user. A visual representation of the user is presented. The visual representation is based, at least in part, on the one or more visual indicators.				
3. 20160322105 MEMORY EQUIPPED WITH INFORMATION RETRIEVAL FUNCTION, METHOD FOR USING SAME, DEVICE, AND INFORMATION PROCESSING METHOD			US	03.11.2016

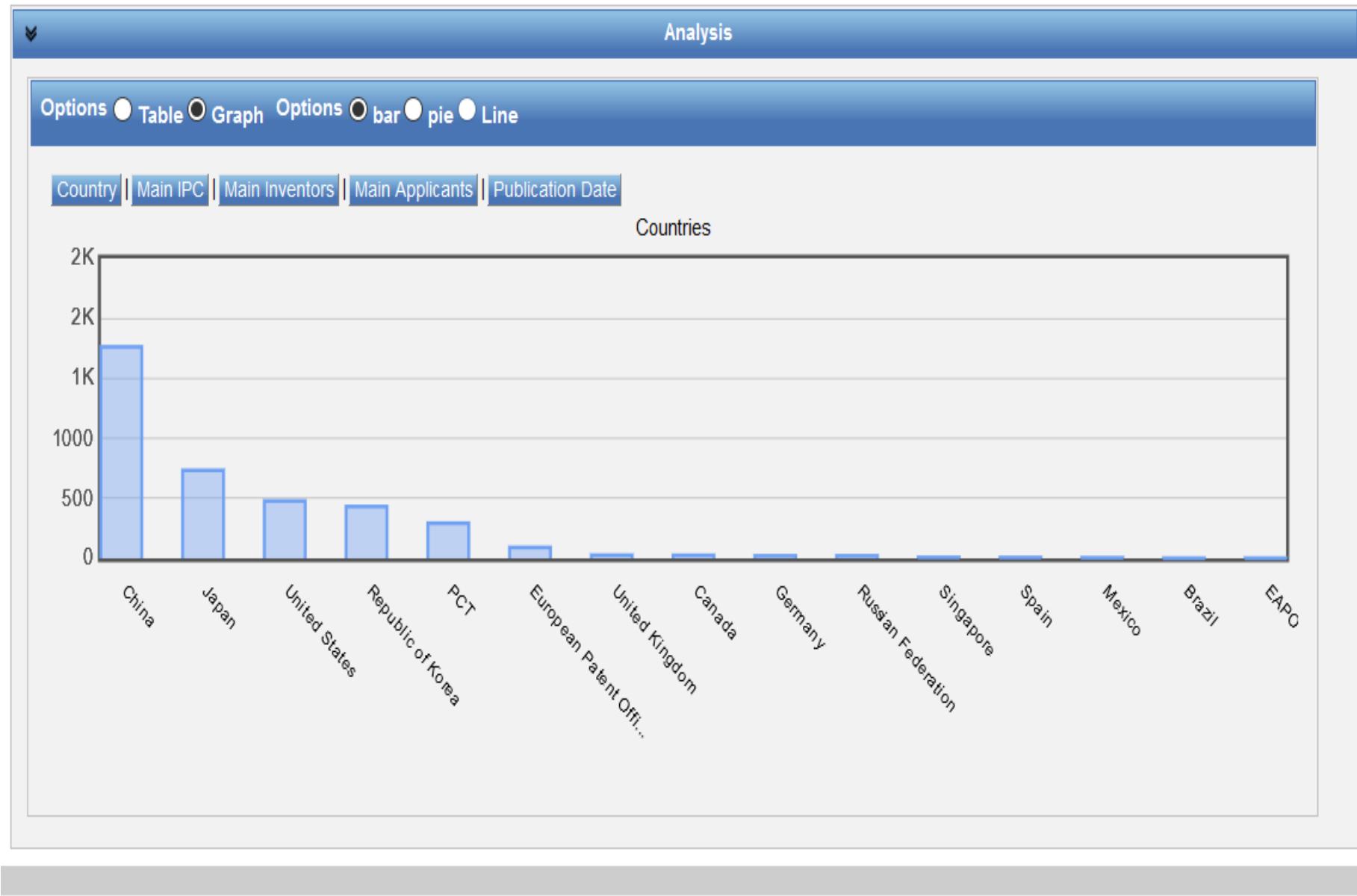
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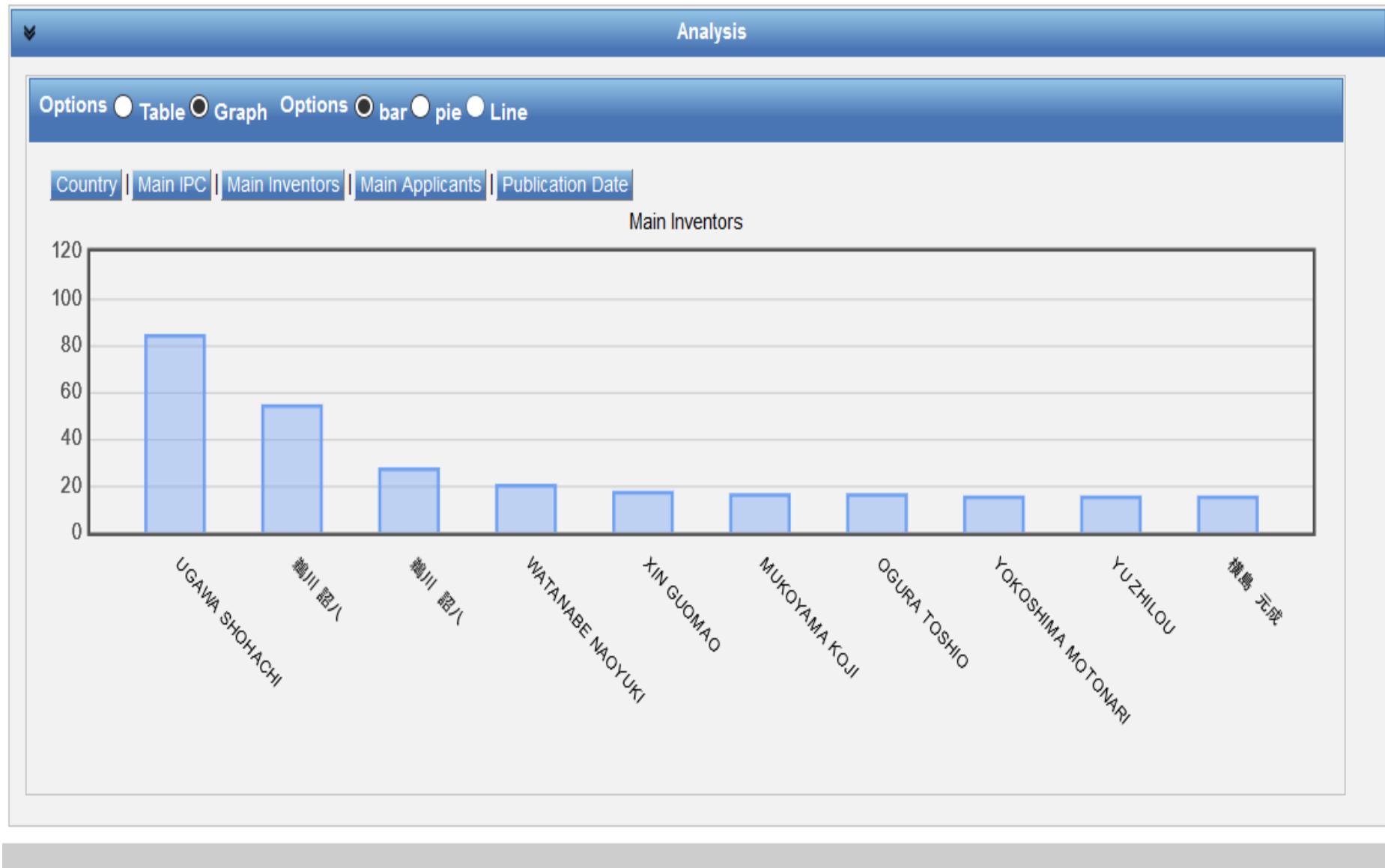
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Countries		Main IPC		Main Inventor		Main Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
China	1763	G06F	1265	UGAWA SHOHACHI	84	SANKYO KK	96	2006	140
Japan	734	A63F	565	鵜川 詔八	54	株式会社三共	89	2007	164
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PCT	293	H04N	199	XIN GUOMAO	17	ARUZE CORP	46	2010	132
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		G05B	120	OGURA TOSHIO	16	アルゼ株式会社	44	2012	130
United Kingdom	26	H04B	111	YOKOSHIMA MOTONARI	15	SANYO PRODUCT CO LTD	43	2013	148
Canada	25	G06K	104			STATE GRID CORPORATION OF CHINA	43	2014	529
Germany	21	G06T	93	YU ZHILOU	15	SAMSUNG ELECTRONICS CO., LTD.	37	2015	1163
Russian Federation	21			横島 元成	15			2016	262
Singapore	8								
Spain	7								

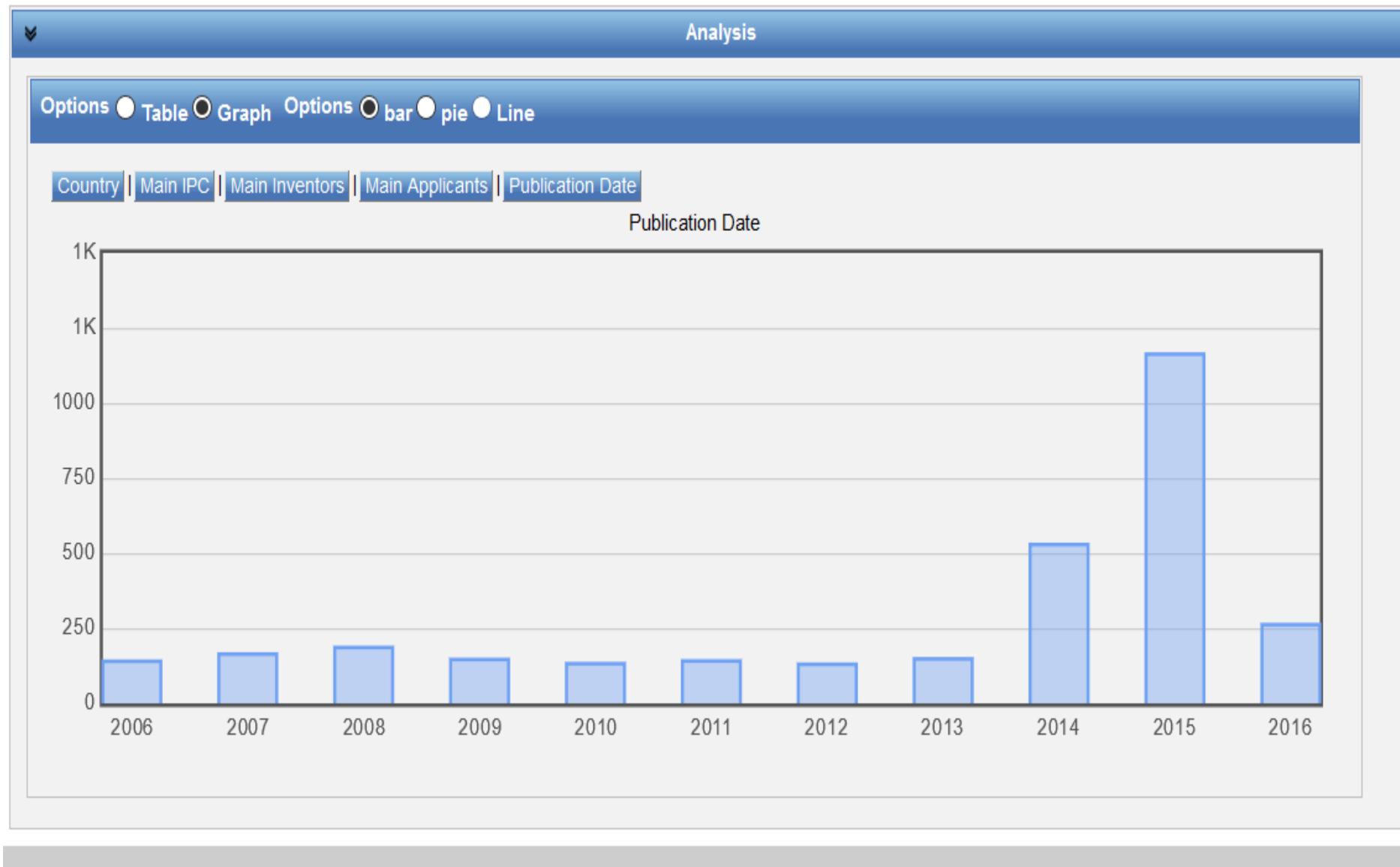
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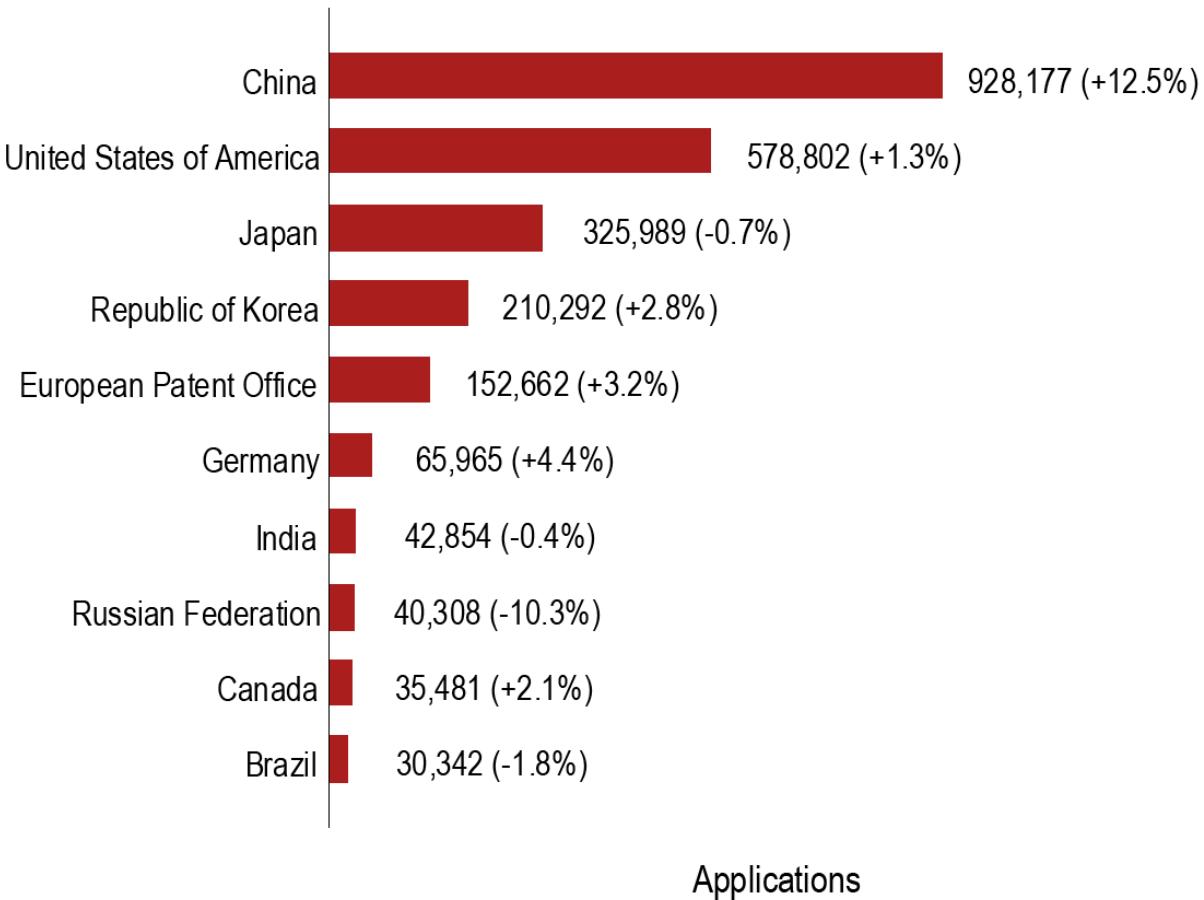


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10 Negara Teratas Permohonan Paten PCT - 2014

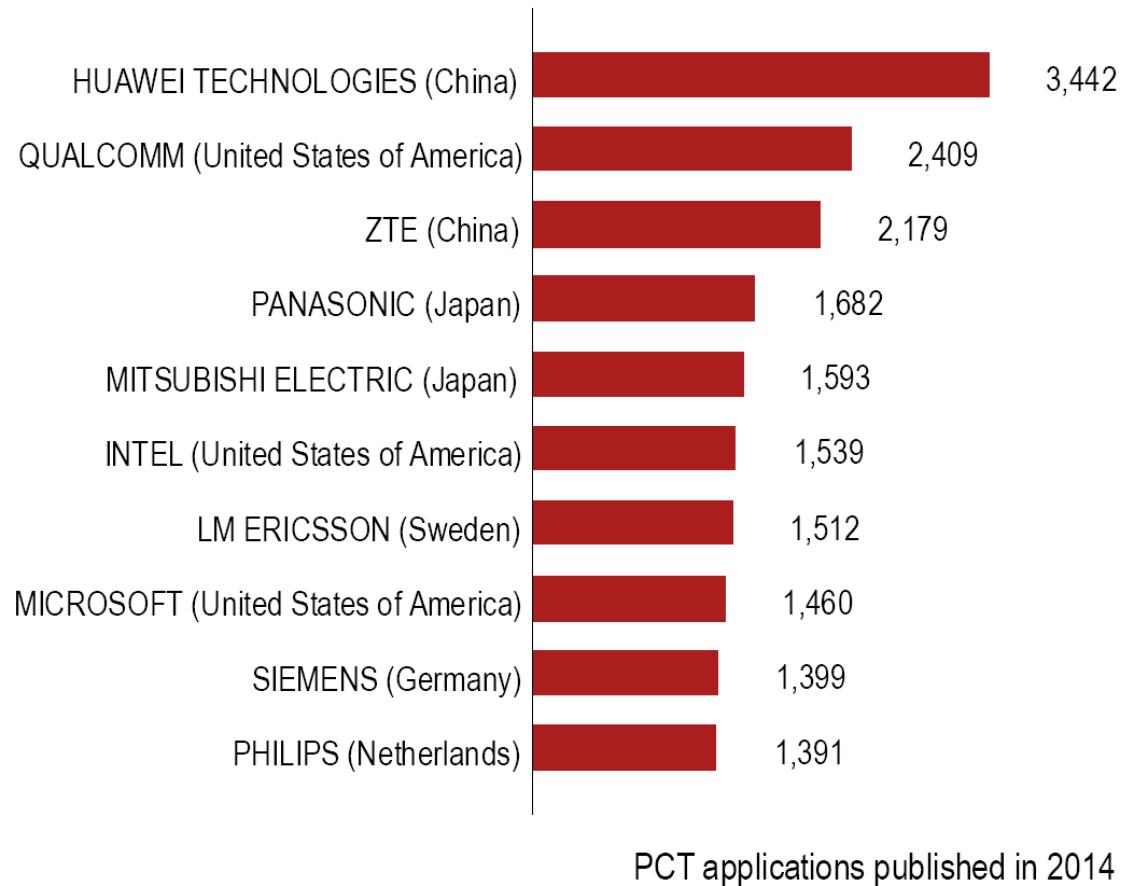
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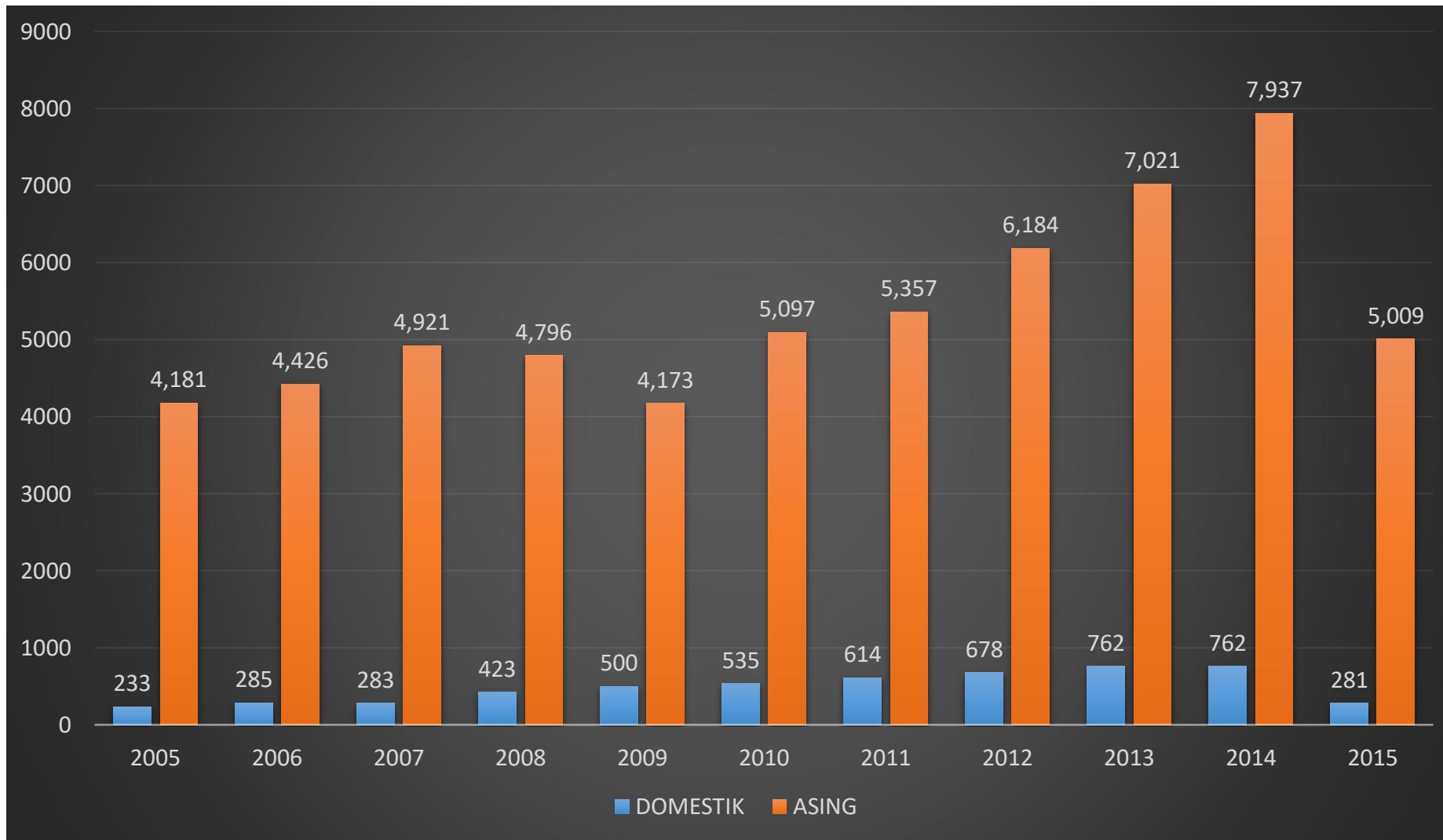
10 Pemohon Perusahaan Teratas Paten PCT - 2014

PCT top applicants, 2014



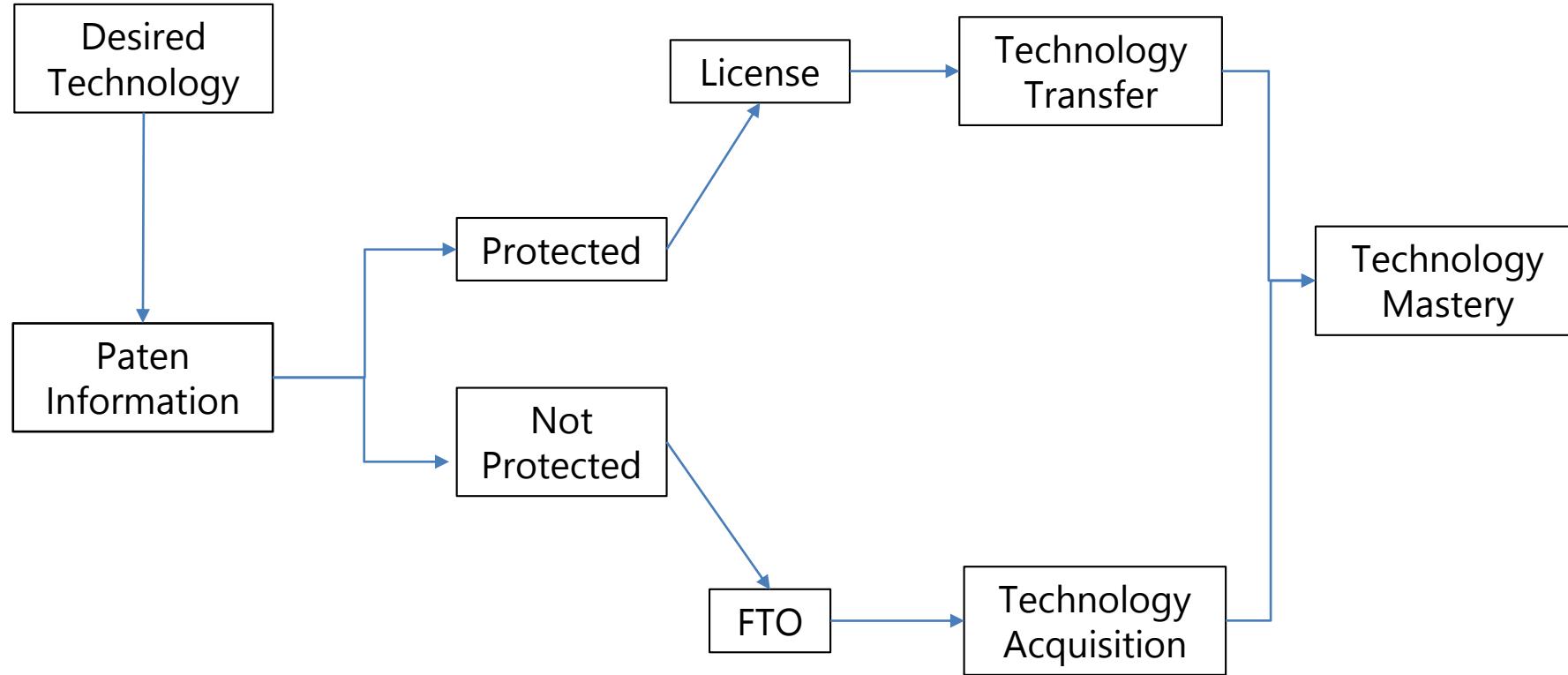
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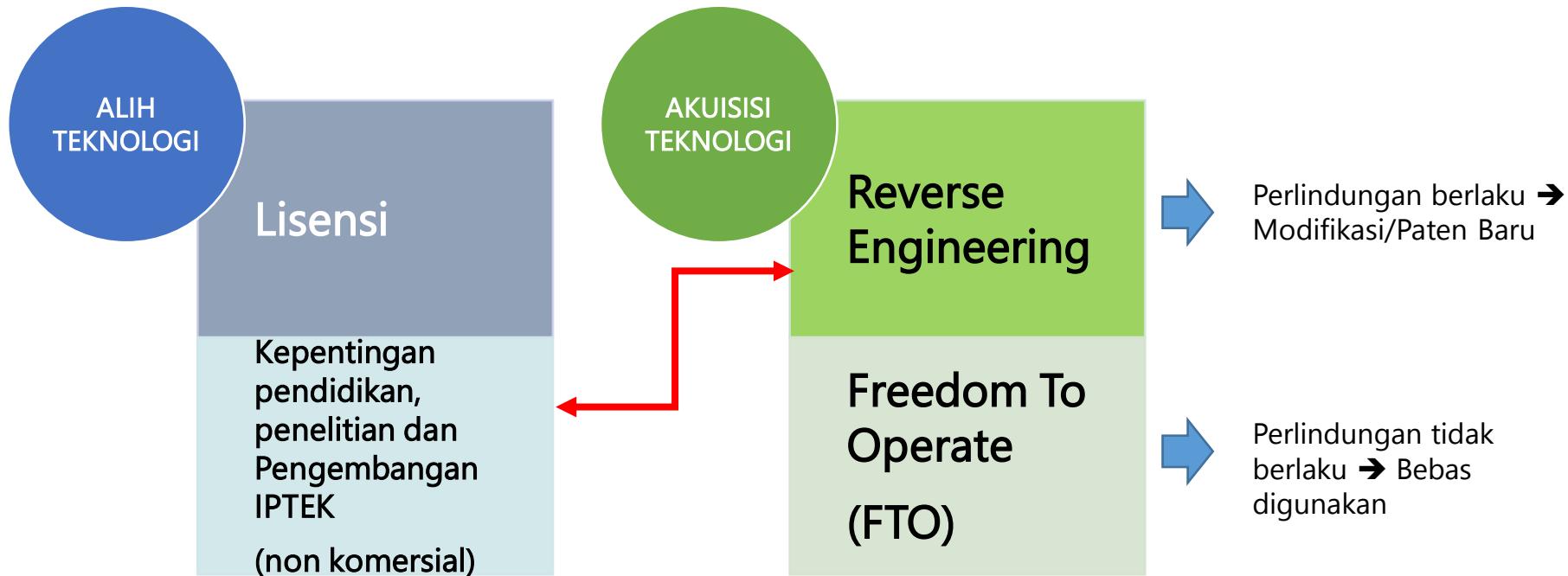
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