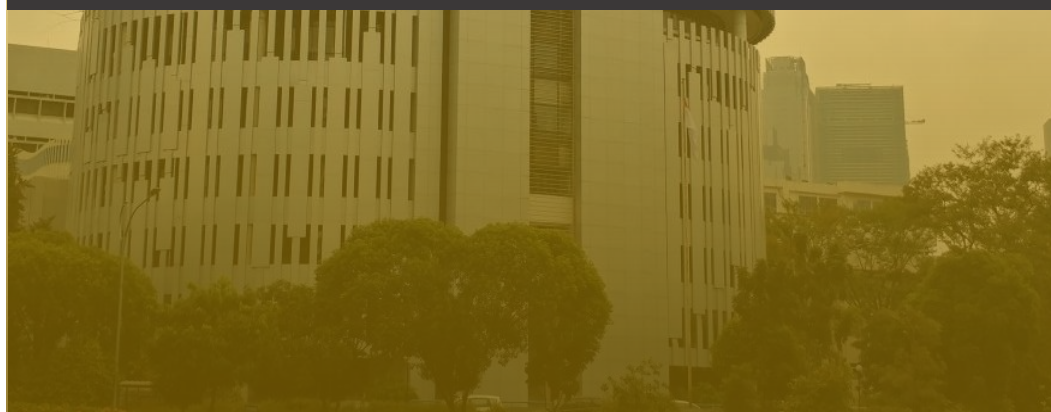




Penelusuran Informasi Paten

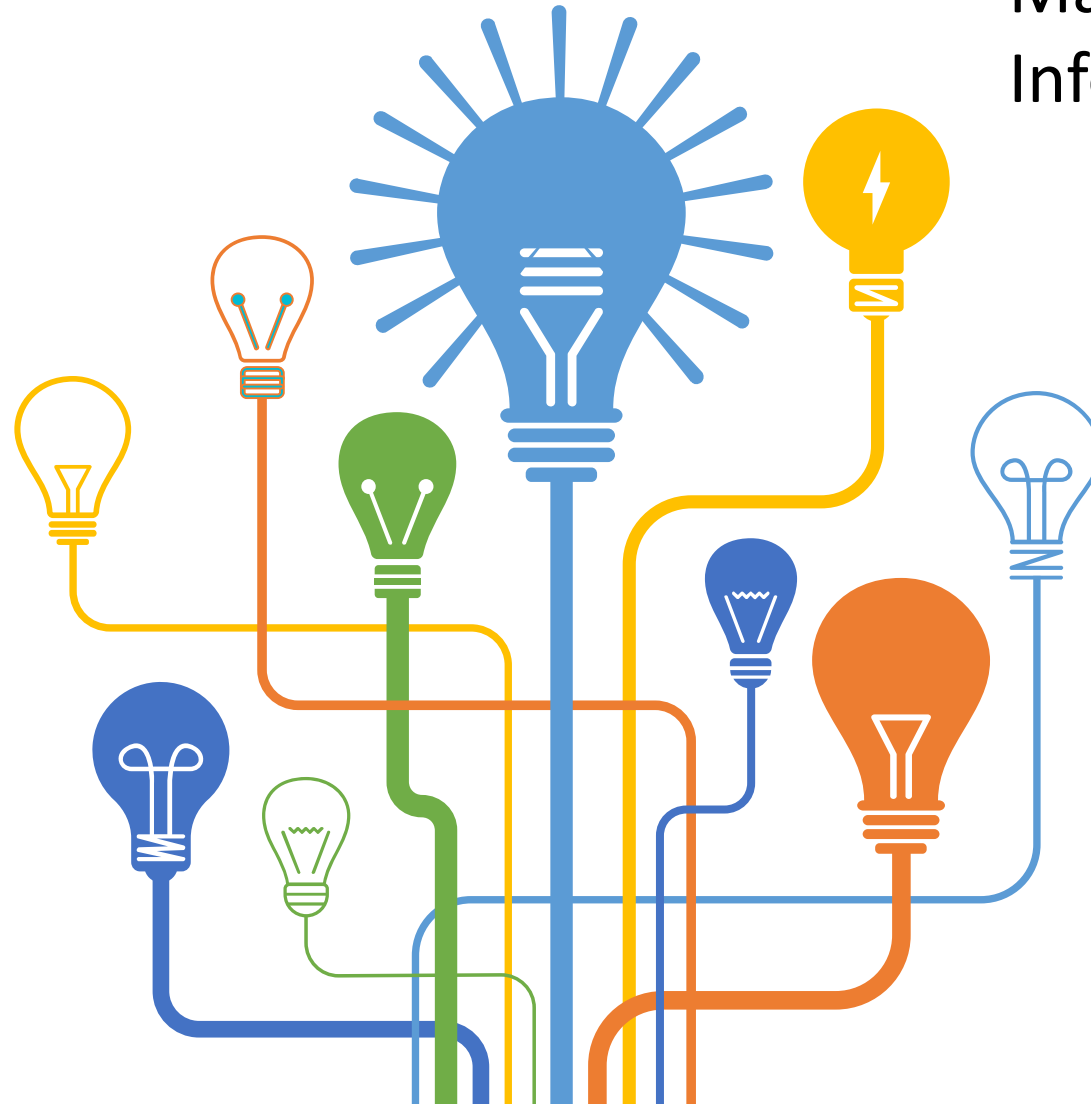


Harini Yaniar
e-mail : hrieny@gmail.com

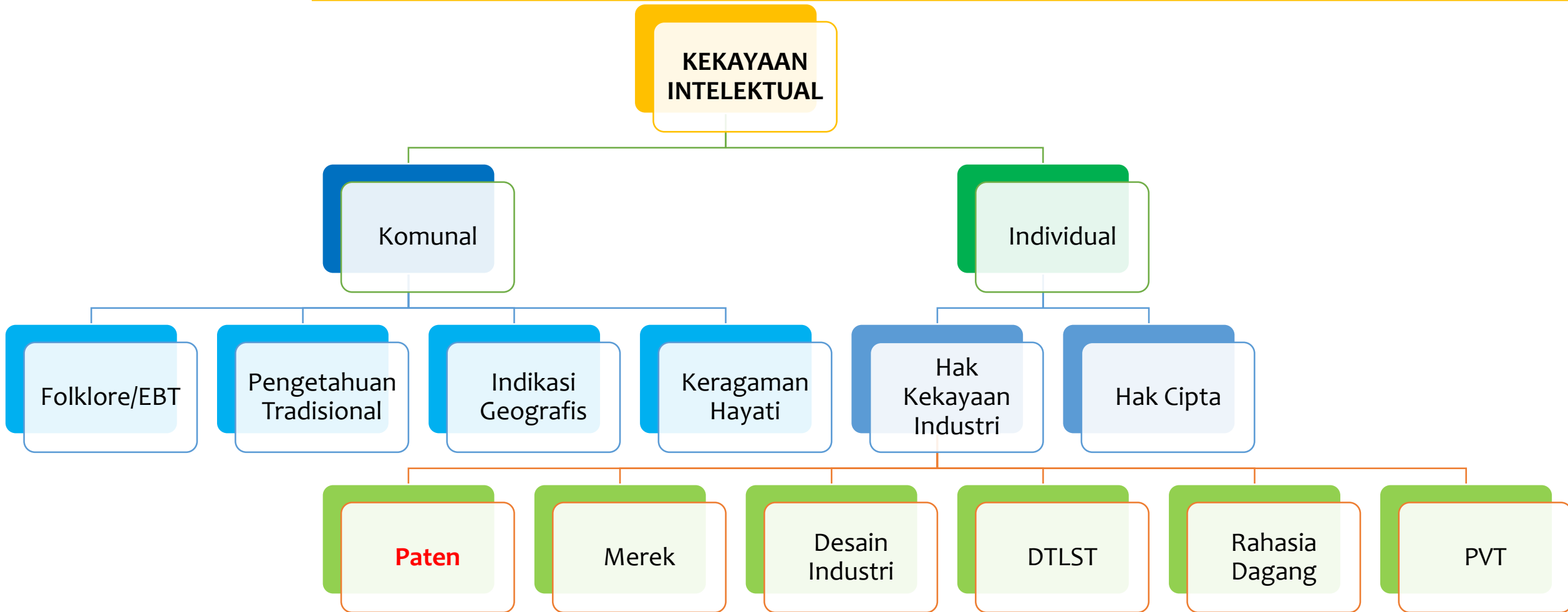
Manfaat
Informasi Paten?

Review Kekayaan
Intelektual

Teknik
Penelusuran
Informasi Paten



Review Kekayaan Intelektual



Komunal → Pemiliknya entitas masyarakat atau negara sebagai pemegang hak

Individual → Pemilik dan Pemegang hak eksklusifnya orang / badan hukum

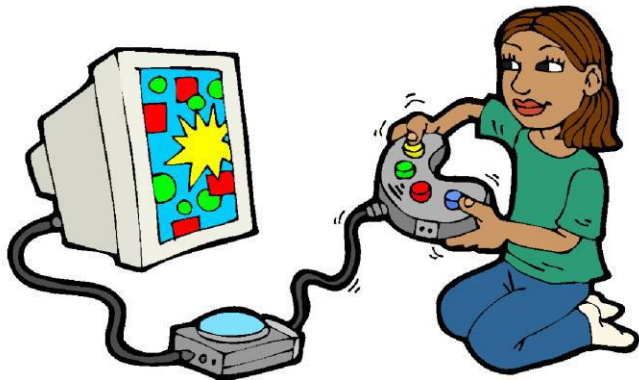
CABANG KI	OBJEK PERLINDUNGAN	PEROLEHAN	LAMA PERLINDUNGAN	KETERANGAN
Hak Cipta	Karya Ciptaan, Seni, dll	Publikasi	<ul style="list-style-type: none"> Seumur hidup plus 70 tahun 50 tahun 20 tahun 	Tidak dapat diperpanjang
Merek	gambar, nama, kata, huruf-huruf, angka-angka, susunan warna atau kombinasi dari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

[illegible]

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 perbanyakan 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 tekstual, 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;

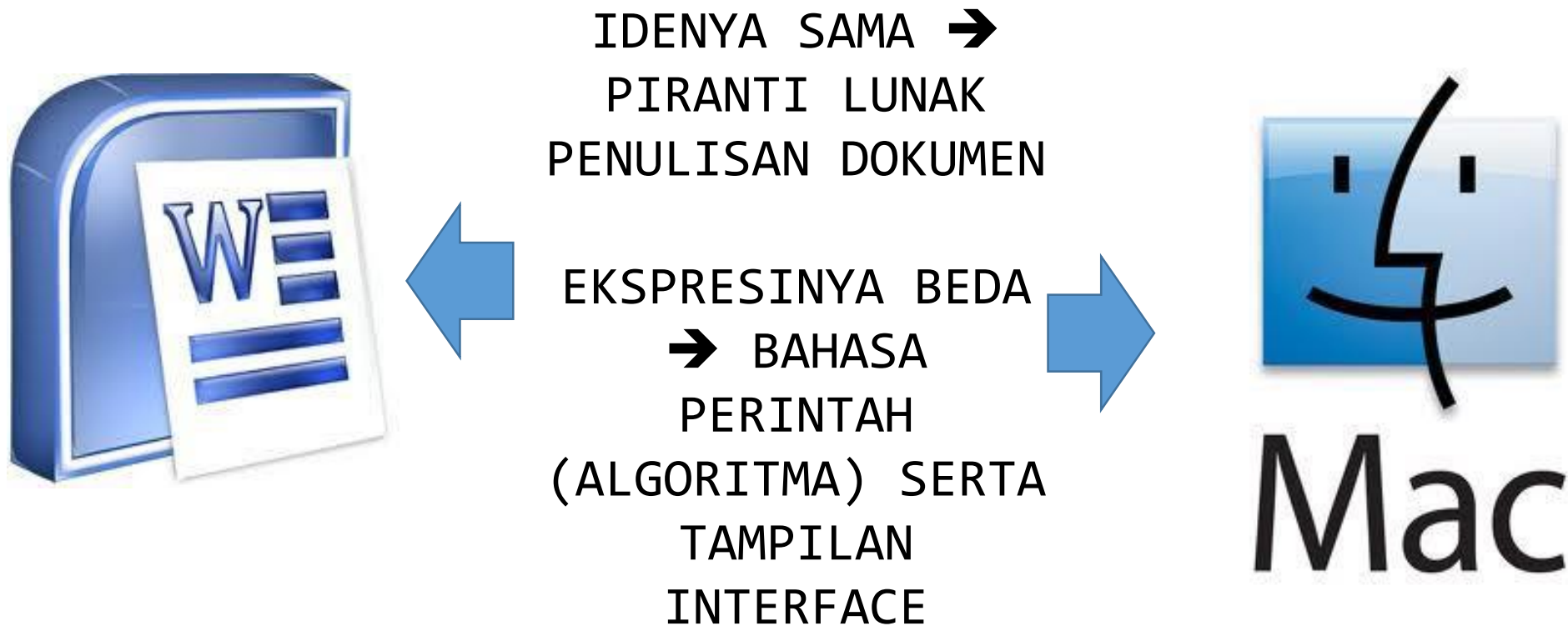
seni rupa, baik dalam bentuk dua dimensi maupun tiga dimensi yang terbuat dari berbagai macam bahan; dan

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.



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 Parafrase

FAKTA

KATA JADIAN / PARAFRASE

SASTRA

TEKNIK

Hari telah malam

Matahari menyembunyikan
sinarnya

Cakrawala berubah menjadi gelap

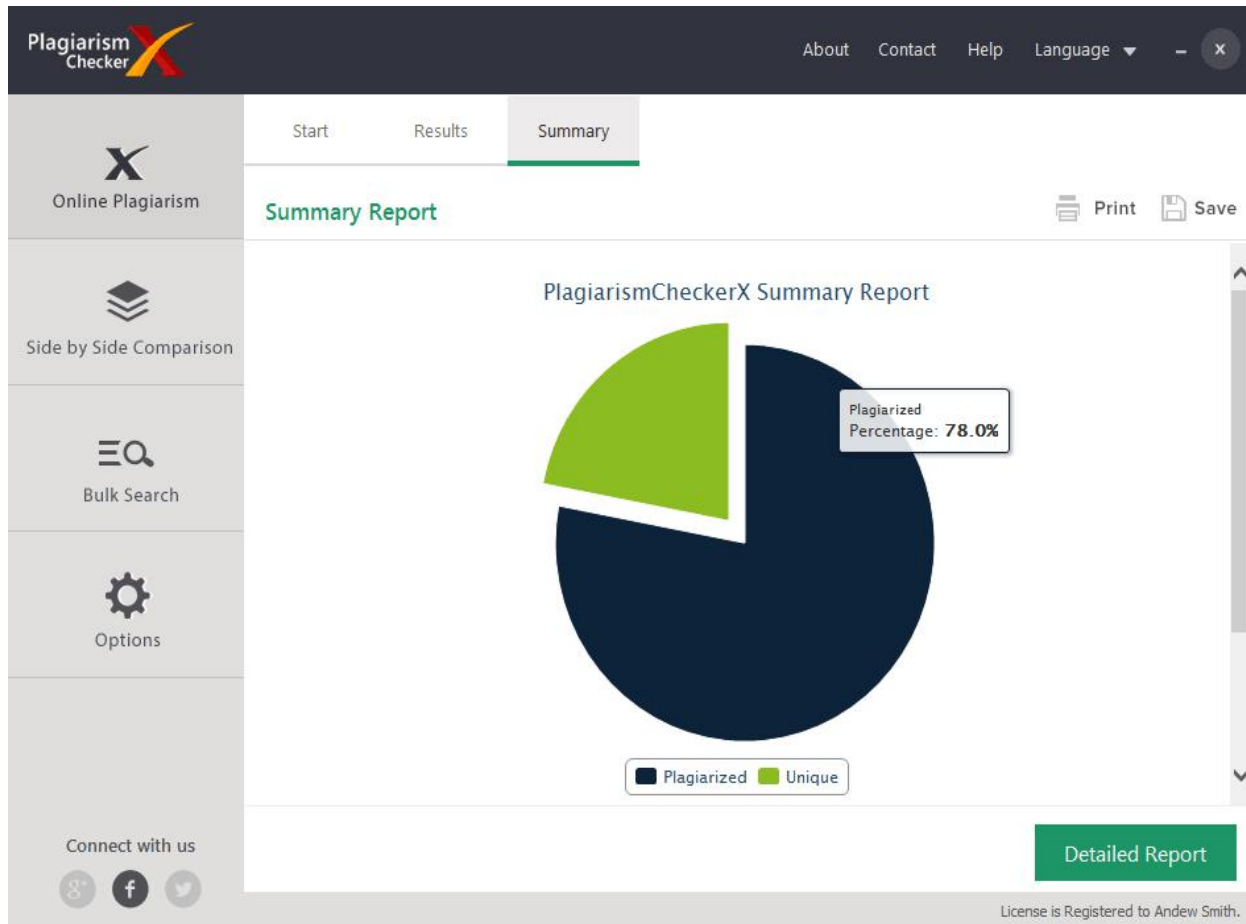
Hewan itu mati

Makhluk kecil itu meregang nyawa

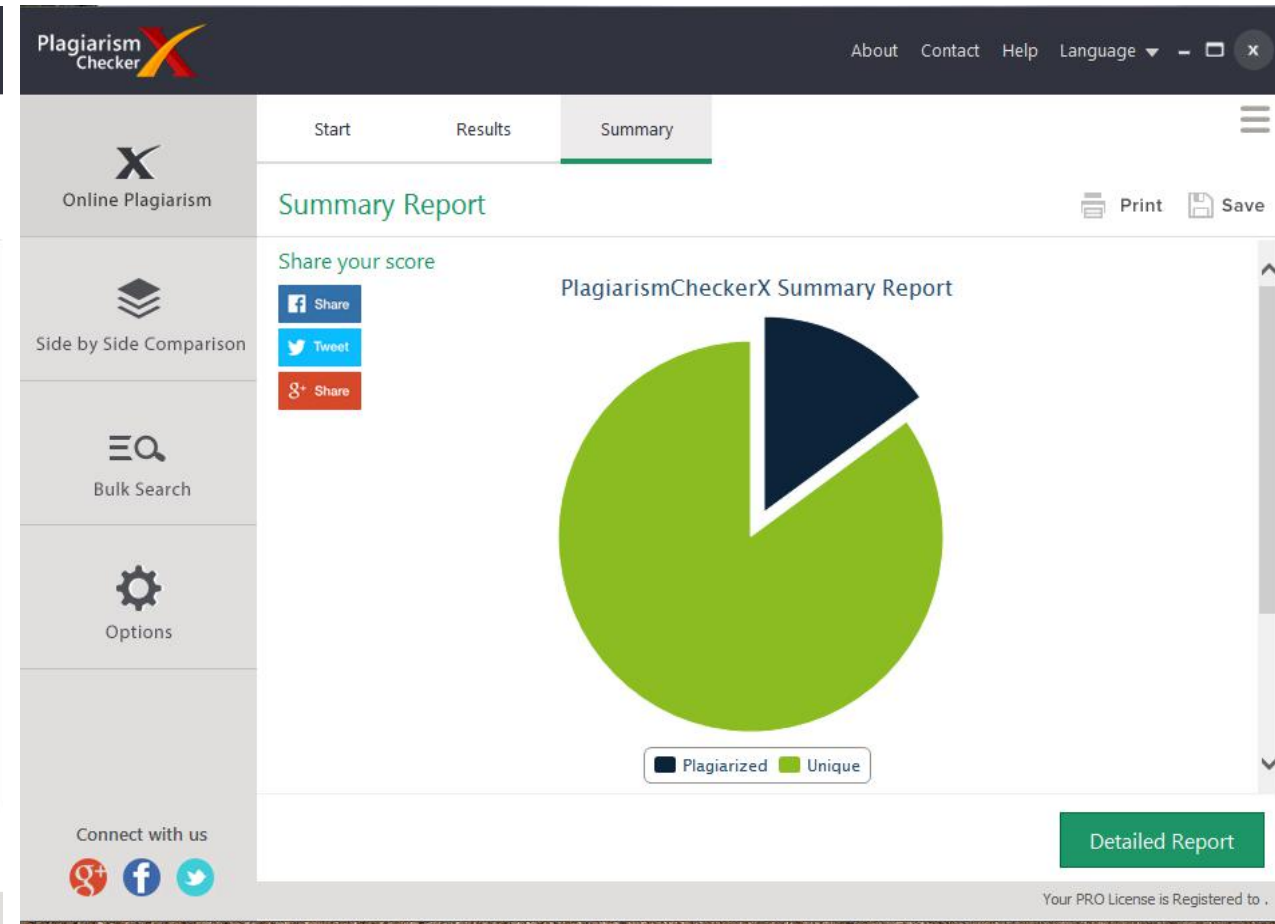
Hilangnya indikasi kehidupan pada
hewan itu

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**

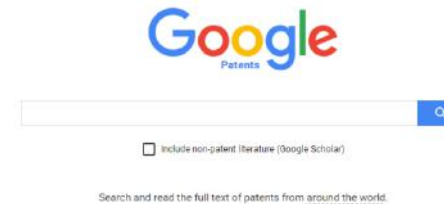


**Pembanding yang
memiliki kredibilitas**



**Akuntabilitas aktivitas
riset**

Sumber Informasi Paten



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

Patent Full-Text Databases



Espace.net
Patent search



PATENTSCOPE

Search International and National Patent Collections

Nomor dan tanggal Permohonan

Dokumen Pemandang

Nomor Paten

Judul Paten

Nama dan alamat Inventor

Abstrak

Gambar

(12) PATEN INDONESIA

(11) ID 0 018 083

(19) DIREKTORAT PATEN
DIREKTORAT JENDERAL HAK KEKAYAAN INTELEKTUAL (45) 21 September 2006

(54) Judul Inven : KERANGKA KERAMIK KOMPOSIT BETON UNTUK LANTAI BANGUNAN BERTINGKAT DAN METODA PEMASANGANNYA

(51) Int. Cl.⁶ : E04B 001/18

(21) Nomor Permohonan Paten : P-00200400215

(22) Tanggal Penerimaan Permohonan Paten : 27 Mei 2004

(30) Data Prioritas :
(31) -
(32) -
(33) -

(43) Tanggal Pengumuman Permohonan Paten : 28 Nopember 2005

(56) Dokumen Pemandang : US 2003 023 3801

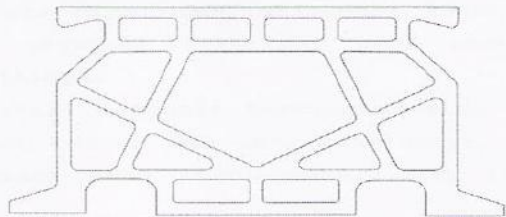
(71) Nama dan Alamat yang mengajukan Permohonan Paten : YUDIRO SOEDARDJO
Jl. Bima 1/44 R/Rw. 005/007, Cijantung, Ps. Rebo, Jakarta Timur, INDONESIA

(72) Nama Inventor : YUDIRO SOEDARDJO, ID

(74) Nama dan Alamat Konsultan Paten :
Pemeriksa Paten : Ir. Cecep Sumardinata
Jumlah Klaim : 8 Klaim

Abstrak :

Suatu kerangka keramik komposit beton dibuat dari tanah liat dicampur pasir dengan komposisi; pasir 10-20 % dan tanah liat 80-90 %, dimana campuran pasir dan tanah liat diaduk dan digiling hingga benar-benar homogen, hasil penggilingan disimpan selama 3 hari dan selanjutnya digiling kembali lalu dicetak dalam bentuk keramik yang diinginkan; kerangka keramik komposit beton yang telah dicetak dikeringkan dan dibakar pada temperatur tertentu, setelah pembakaran kemudian didinginkan, yang kemudian siap untuk digunakan sebagai bagian dari kerangka keramik komposit beton. Dimana metoda pemasangan keramik yang telah dicetak sesuai dengan proses diatas, adalah keramik yang telah dibuat dengan rancangan dan ukuran tertentu tersebut dirangkai memanjang sesuai dengan bentangan yang telah ditentukan, dimana langkah-langkah metoda pemasangan kerangka keramik komposit beton tersebut meliputi, mengukur bentangan yang telah ditentukan sebagai acuan panjang potongan besi dan rangkaian kerangka keramik komposit beton; memasang dua batang besi D 10 mm atau D 8 mm yang sudah dipotong dibagian atas dan D 8 mm atau D 6 mm pada bagian bawah; menyiramkan adukan spesi 1:3 atau mortar merata pada rangkaian dua batang besi D 8 mm atau D 10 mm dibagian atas dan D 8 mm atau D 6 mm dibagian samping; menuangkan adukan cor beton spesi 1:2:3 di sisi-sisi rangkaian kerangka keramik komposit beton secara bersamaan dengan pengecoran balok beton agar menjadi satu kesatuan antara balok beton dengan rangkaian kerangka keramik komposit beton; menyiramkan adukan 1:3 dengan ketebalan tertentu dan setelah mengeras dilakukan penyiraman dengan air berturut-turut selama ± 3 hari, sehingga dak lantai kerangka keramik komposit beton siap untuk difinishing sesuai kebutuhannya.





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

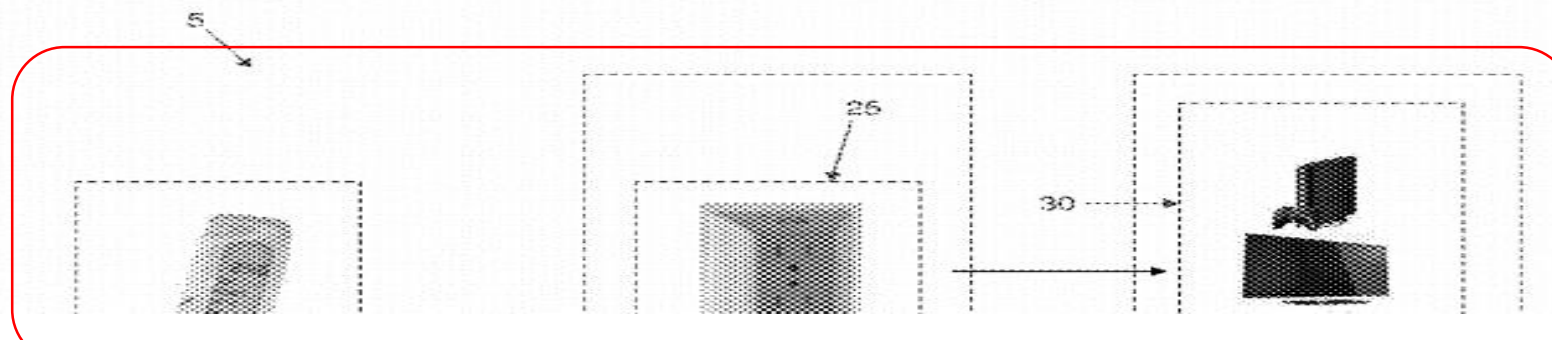
(51) **Int. Cl.**
G05B 11/01 (2006.01)
(52) **U.S. Cl.**
CPC **G05B 11/01** (2013.01)
USPC **700/9**

(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

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



Peneliti/Inventor



Konsultan/ Drafter Paten

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

Manfaat Informasi Paten



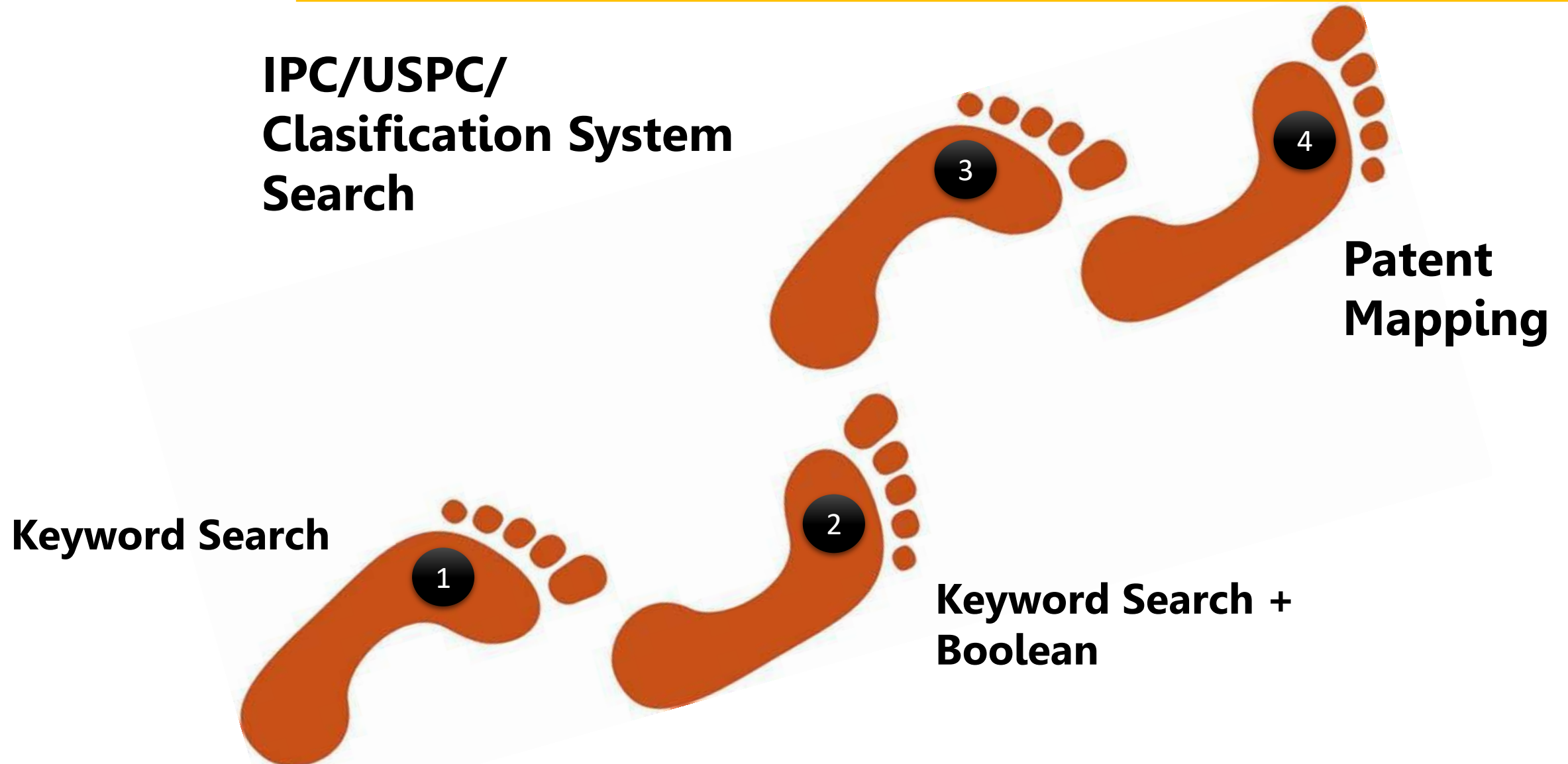
Pemeriksa Paten

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

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



Pendekatan dalam Penelusuran Informasi Paten



Keyword Search

- ▶ Kata-kata yang menjelaskan fitur-fitur teknis yang esensial dari invensi
- ▶ *Keywords* dapat ditelusur 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

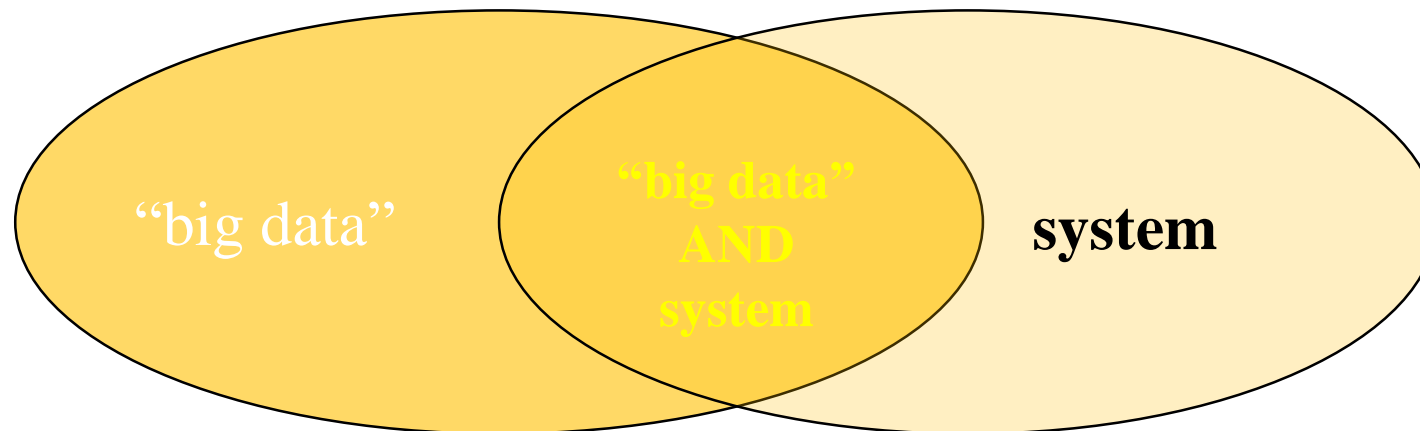
car* *car, cars, carbondioxide*

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:

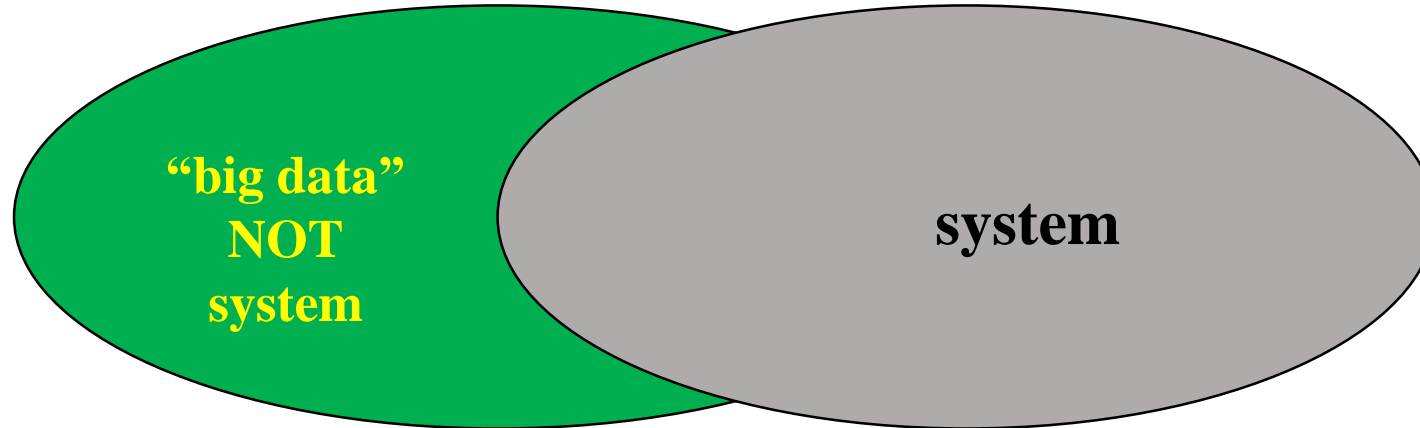
“big data” OR system



- 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



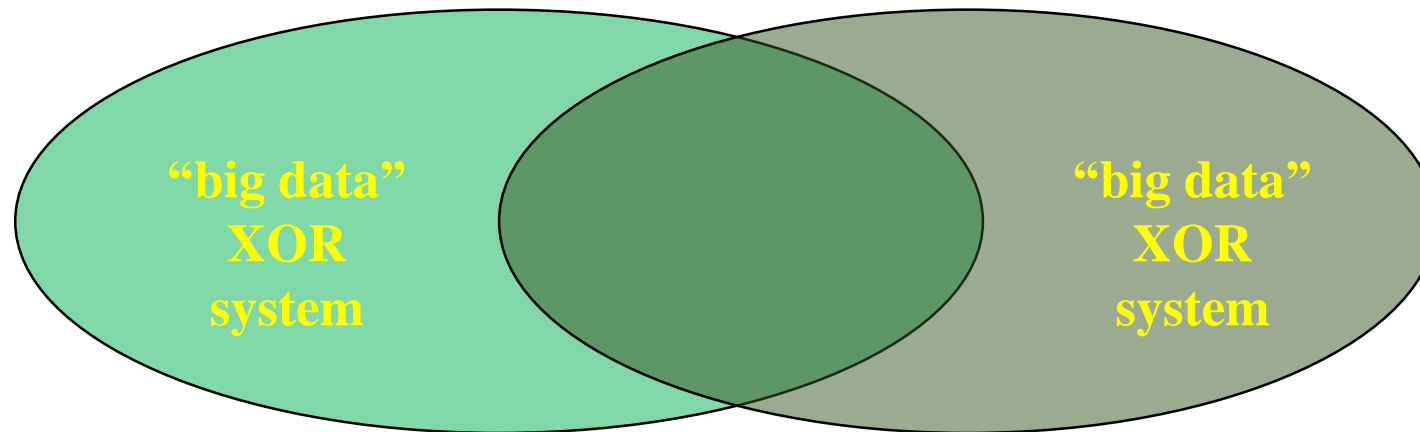
- Hasil: dokumen-dokumen yang mengandung *keywords* “big data” **namun tidak ada** *keywords* “system” di dalamnya.

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 kedua *keywords* tersebut di dalamnya

DIREKTORAT JENDERAL KEKAYAAN INTELEKTUAL

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

The screenshot shows the web application for the Directorate General of Intellectual Property (DGIP). The header includes the DGIP logo and the text "e-Status Kekayaan Intelektual DIREKTORAT JENDERAL KEKAYAAN INTELEKTUAL". A search bar is located in the top right corner. The main content area features a "Penelusuran Terstruktur Paten" (Structured Patent Search) form with two sections: "Cari Berdasarkan Nomor" (Search by Number) and "Cari Berdasarkan Teks" (Search by Text). The "Cari Berdasarkan Nomor" section includes fields for "Nomor Permohonan Paten", "Nomor IPC", "Nomor Urut Permohonan", "Nomor Paten", "Nomor Prioritas", and "Nomor Pengumuman". The "Cari Berdasarkan Teks" section includes fields for "Judul Permohonan", "Nama Inventor", "Nama Konsultan Paten", "Abstrak", "Nama Pemegang Paten", and "Klaim". Below the search form, there is a stylized graphic of a road with four markers: "Copyright" (green), "Trademark" (red, with TM and ® symbols), "Industrial Design" (blue, with ID symbol), and "Patent" (orange, with P symbol). The footer contains the copyright notice "Hak Cipta © 2016 DJKI, Direktorat Jenderal Kekayaan Intelektual" and links for "Home", "Tentang Kami", and "Disclaimer".

e-Status Kekayaan Intelektual
DIREKTORAT JENDERAL KEKAYAAN INTELEKTUAL

Penelusuran Terstruktur Paten

Cari Berdasarkan Nomor

Nomor Permohonan Paten :
Nomor Permohonan

Nomor IPC :
Nomor IPC

Nomor Urut Permohonan :
Nomor Urut Permohonan

Nomor Paten :
Nomor Paten

Nomor Prioritas :
Nomor Prioritas

Nomor Pengumuman :
Nomor Urut Permohonan

Cari Berdasarkan Teks

Judul Permohonan :
Judul Permohonan

Nama Inventor :
Nama Inventor

Nama Konsultan Paten :
Nama Konsultan Paten

Abstrak :
Abstrak

Nama Pemegang Paten :
Nama Pemegang Paten

Klaim :
Klaim

Copyright C

TM Trademark ®

Industrial Design ID

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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 :

Paten

Merek

Desain Industri

Hak Cipta



e-Status Kekayaan Intelektual

Direktorat Jenderal Kekayaan Intelektual

Penelusuran Sederhana Paten

Sortir :

Nomor Permohonan

ASC

Status :

- ☒ Ditolak
- ☒ Diberi
- ☒ Batal
- ☒ Dalam Proses
- ☒ Berakhir

Jumlah Pencarian

Semua : 3

Indonesia : 3

No Image

Dalam Proses

P00201201086

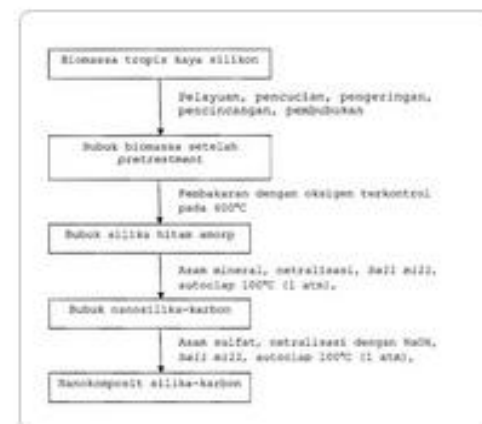
ELEKTRODA BIOSENSOR
UNTUK PENENTUAN
GLISERIDA MENGGUNAKAN
ENZIM LIPASE TERMOSTABIL

No Image

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

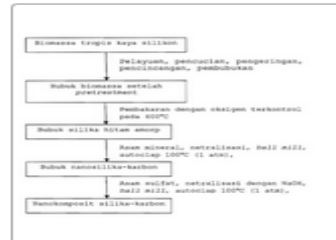


[Kembali Ke Pencarian](#)

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 LIGNOSELULOOSA BERBAHAN BIOMASSA TROPIS KAYA SILIKON



PUBLIKA SI A : [Download](#)

PUBLIKA SI 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 kaya silikon tersebut.

PEMEGANG 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	-	-

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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 ...



[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 ...

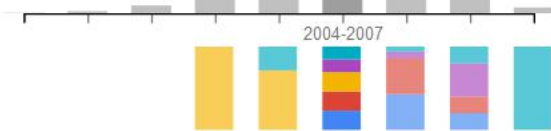


[Application US20080090947A1](#) • Hyeon Jin SHIN • Samsung Electro-Mechanics Co., Ltd
Priority 2006-10-11 • Filing 2007-05-14 • Publication 2008-04-17
Disclosed is a **nanocomposite** composition, comprising transparent nanoparticles, a matrix polymer including a polydimethylsiloxane resin and an epoxy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

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

[B82Y30/00?](#)

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Assignees	Inventors	CPCs
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%
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Medan, 17 Oktober 2017

SEARCH TERMS

nano composite X + Synonym

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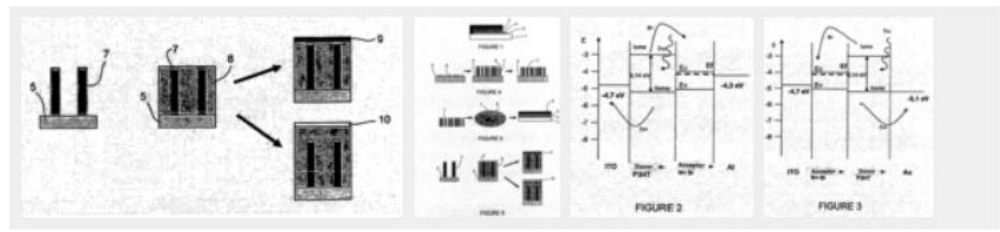
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Photoactive nanocomposite and method for the production thereof

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

View 8 more classifications

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](#)


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Nanocomposite

PAT. NO.	Title
1 9,780,434	Flexible antenna and method of manufacture
2 9,780,379	Alkali metal secondary battery containing a carbon matrix- or carbon matrix composite-based dendrite intercepting layer
3 9,780,367	Anode active material for lithium secondary battery, method of preparing the same, and lithium secondary battery including the same
4 9,780,365	High-capacity electrodes with active material coatings on multilayered nanostructured templates
5 9,780,364	Method for producing a composite structure composed of porous carbon and electrochemical active material
6 9,780,358	Battery designs with high capacity anode materials and cathode materials
7 9,780,349	Carbon matrix- and carbon matrix composite-based dendrite-intercepting layer for alkali metal secondary battery
8 9,780,335	Structured lamination transfer films and methods
9 9,779,884	Capacitor with electrodes made of an interconnected corrugated carbon-based network
10 9,779,882	Method of producing supercapacitor electrodes and cells having high active mass loading
11 9,777,337	Detecting analytes
12 9,777,209	Thermoset nanocomposite particles, processing for their production, and their use in oil and natural gas drilling applications
13 9,777,163	Composition for coating

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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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US009780434B1

(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**

(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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Primary Examiner — Dieu H Duong

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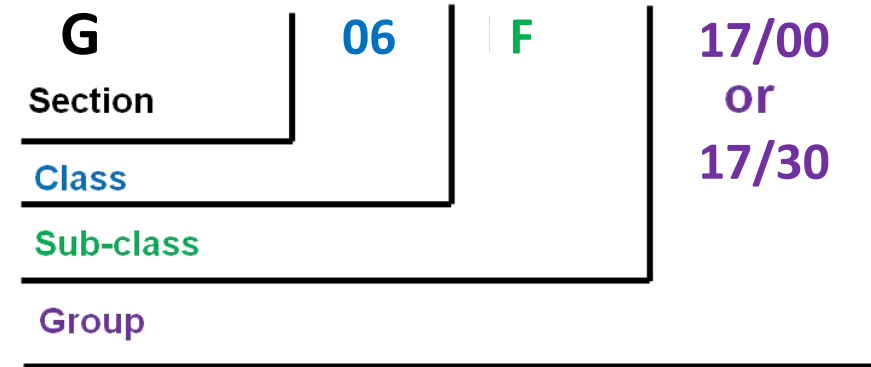
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International Patent Classification (IPC)

Application Number: 15097233 Application Date: 12.04.2016
Publication Number: 20160299944 Publication Date: 13.10.2016
Publication Kind : A1
IPC: G06F 17/30



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MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

PHYSICS

ELECTRICITY

International Patent Classification (IPC)

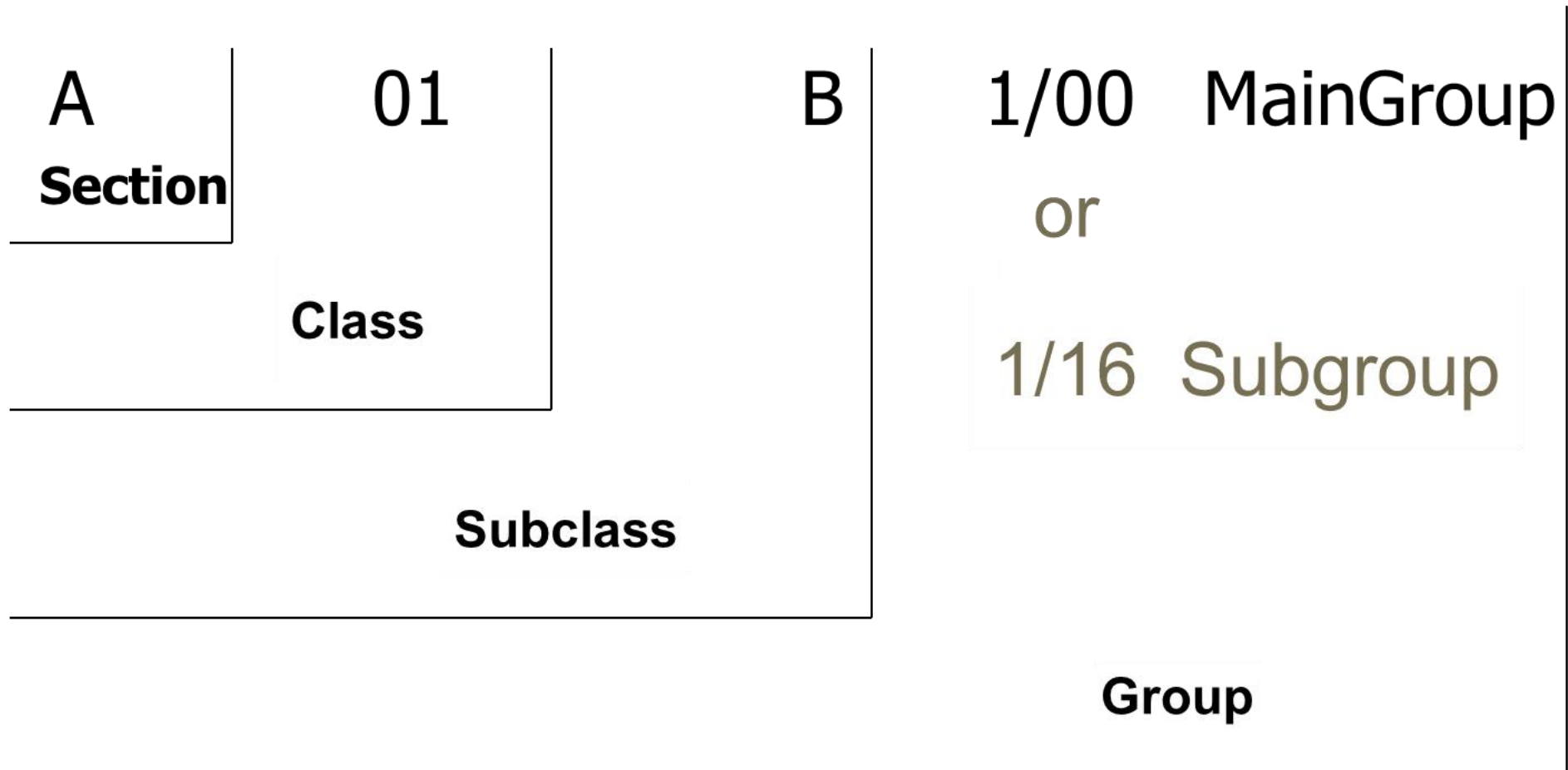
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- Sub Group A 01 B 1/16 Tools for uprooting weeds.

International Patent Classification (IPC)



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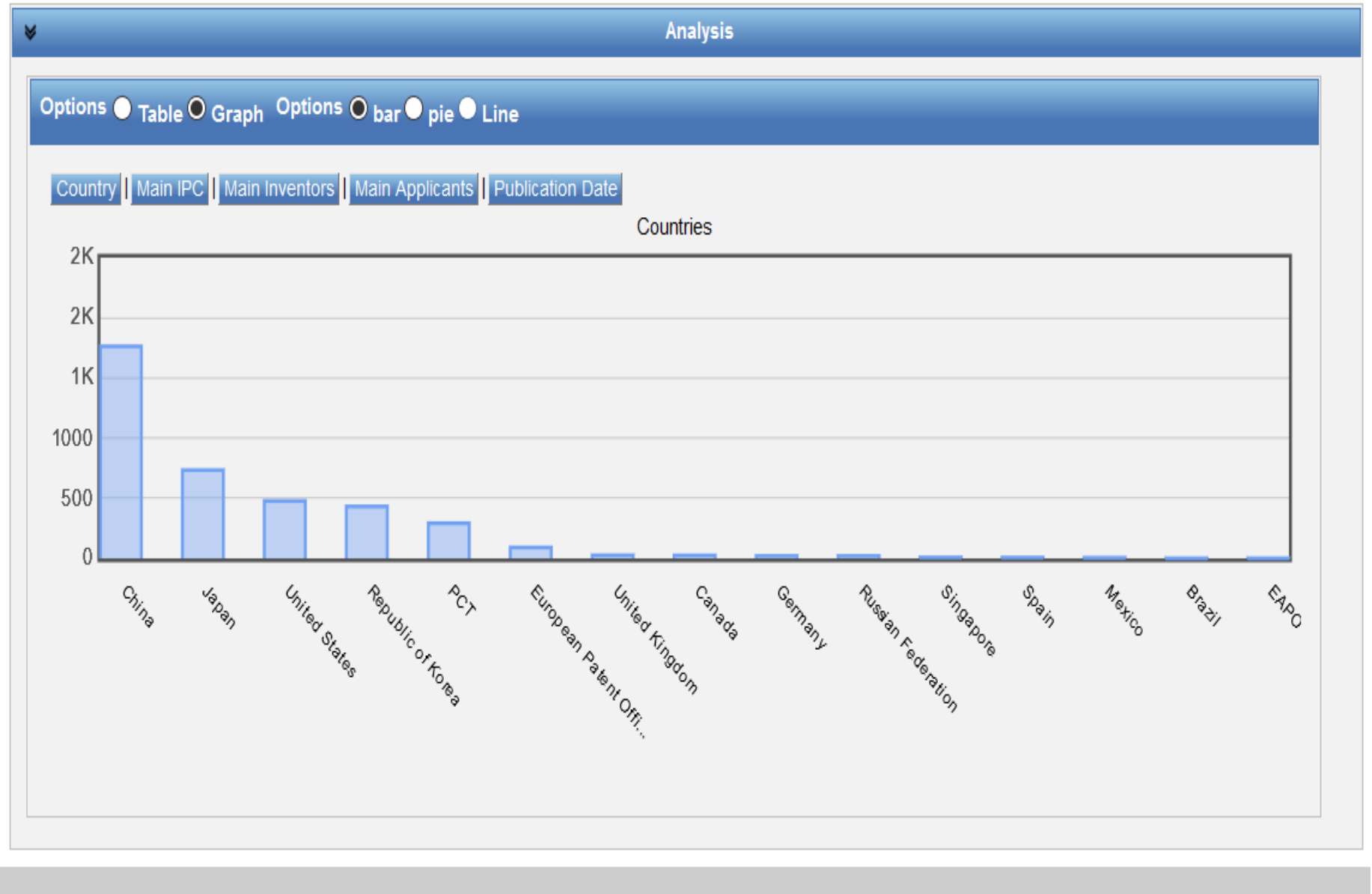
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Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 20160321310	ENHANCED HADOOP FRAMEWORK FOR BIG-DATA APPLICATIONS			US	03.11.2016
G06F 17/30	15141101	Hamoud ALSHAMMARI		Hamoud ALSHAMMARI	
Described herein are a server and a method for processing Big-Data. 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 a 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

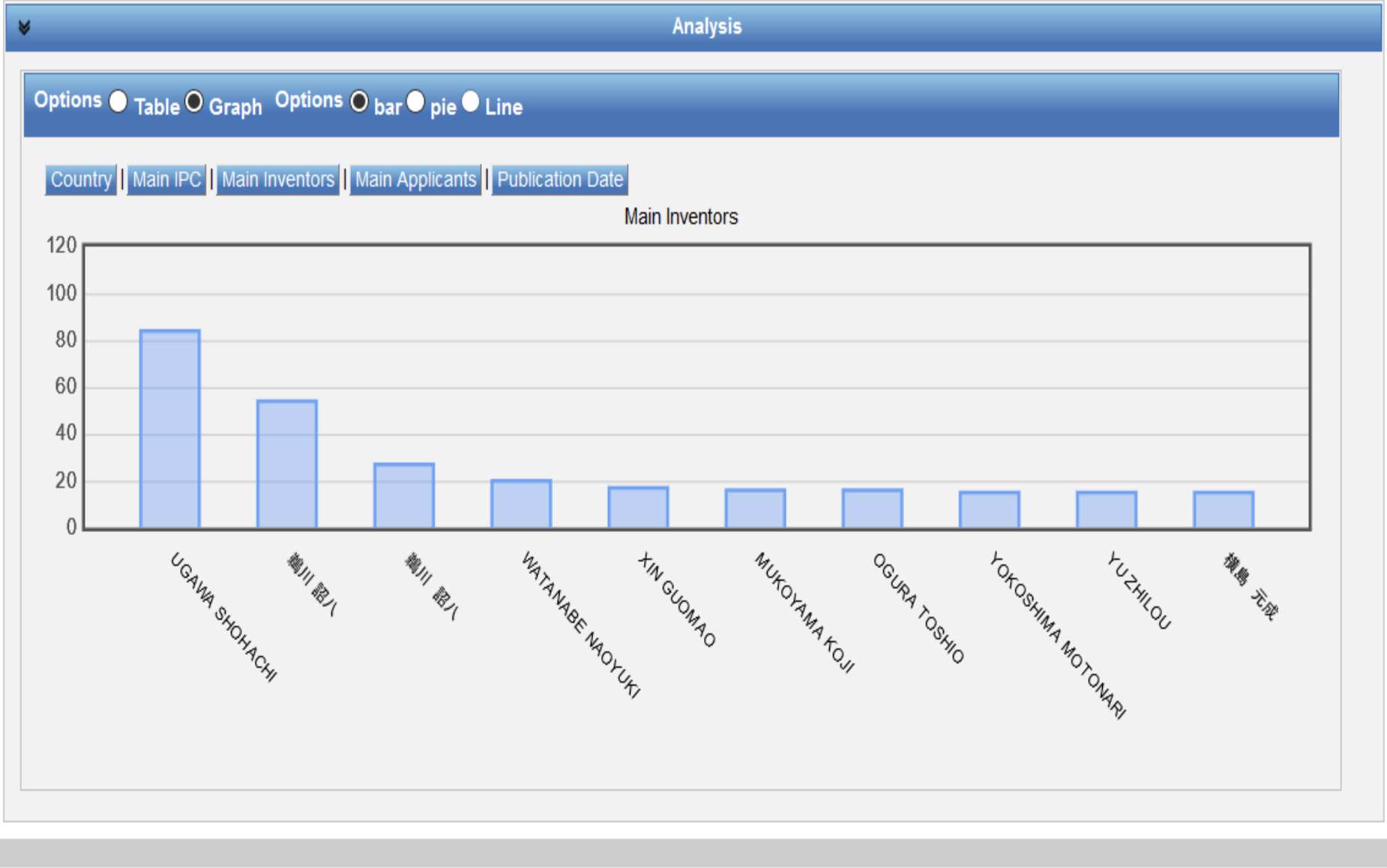
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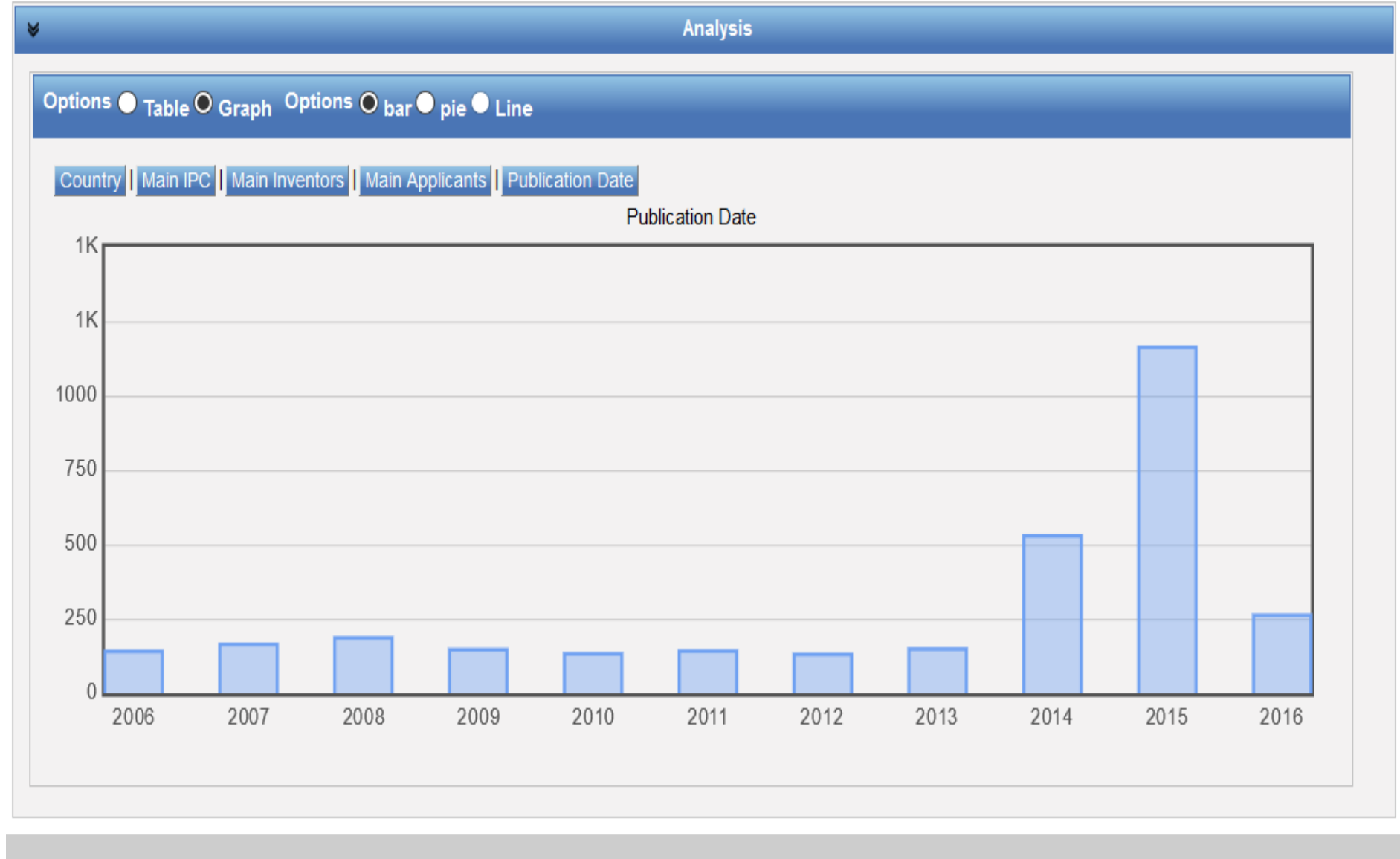
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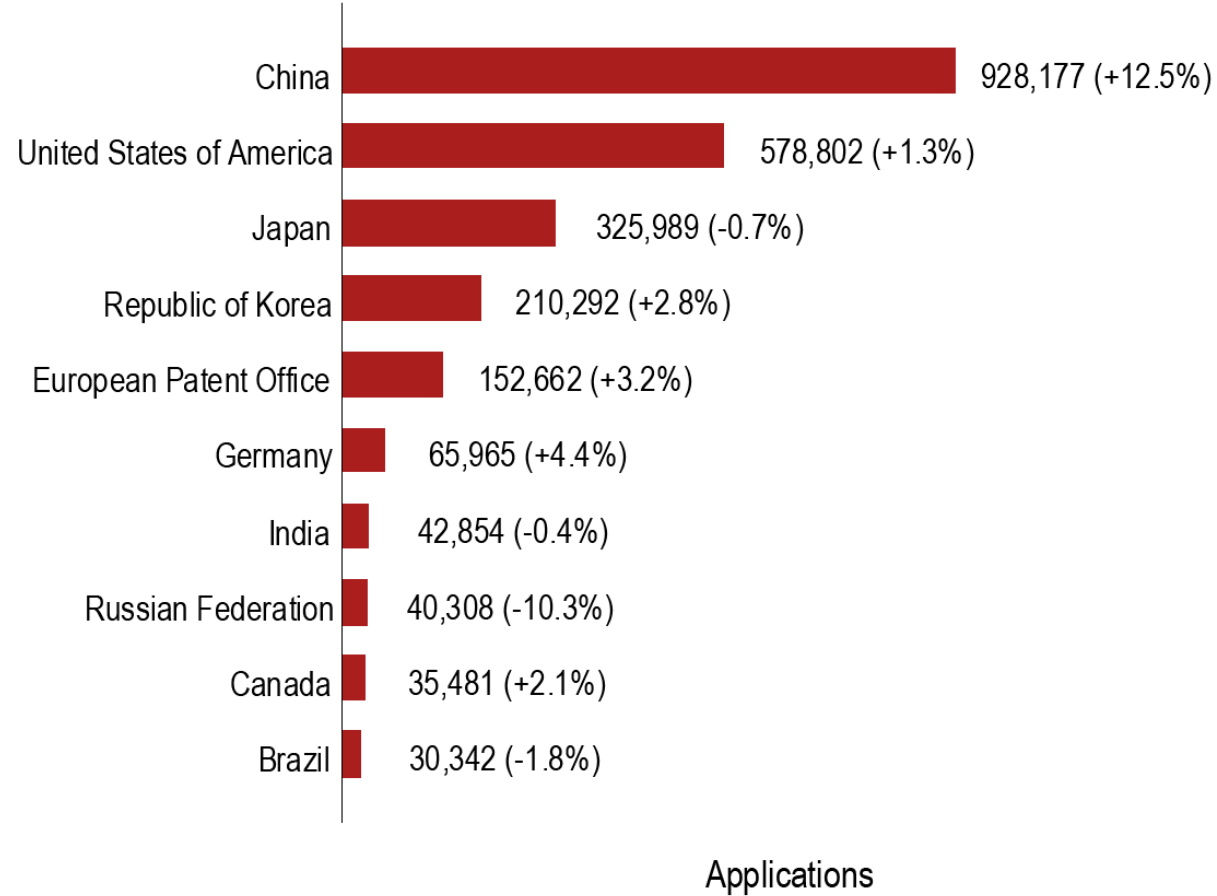


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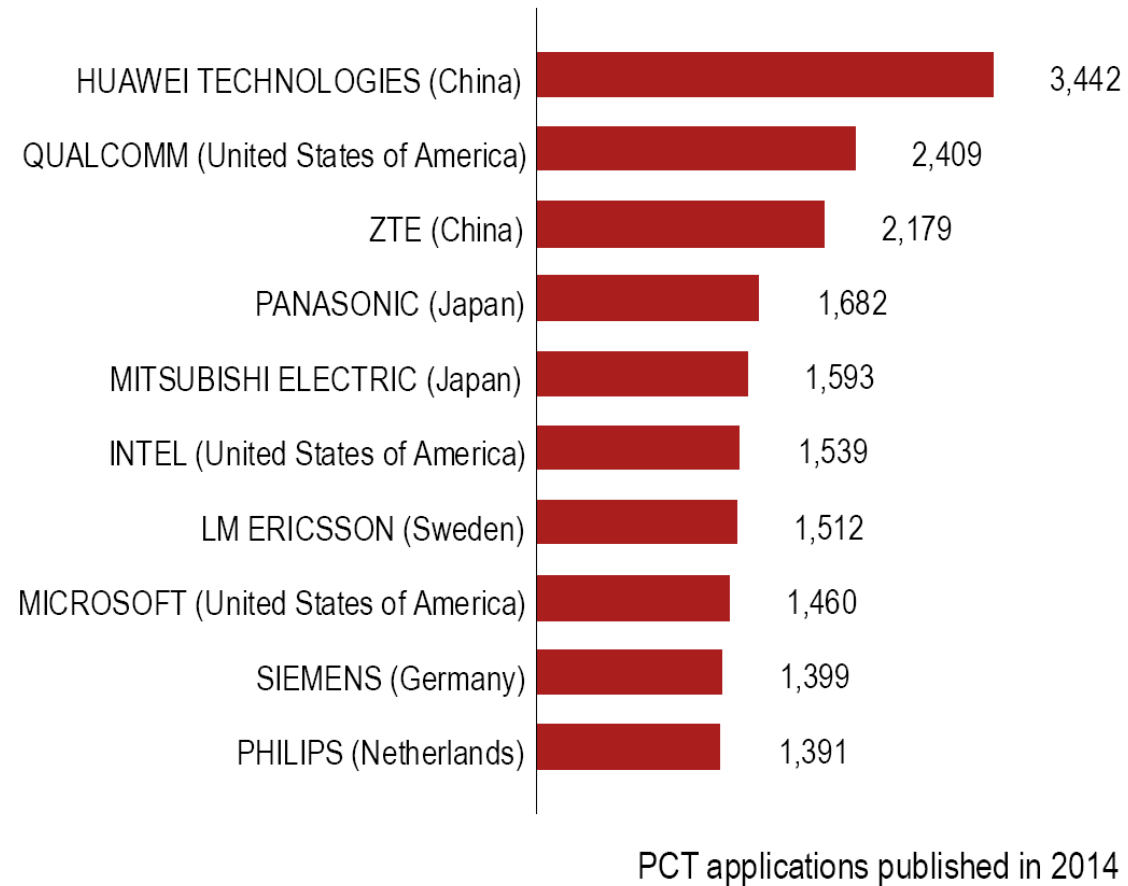
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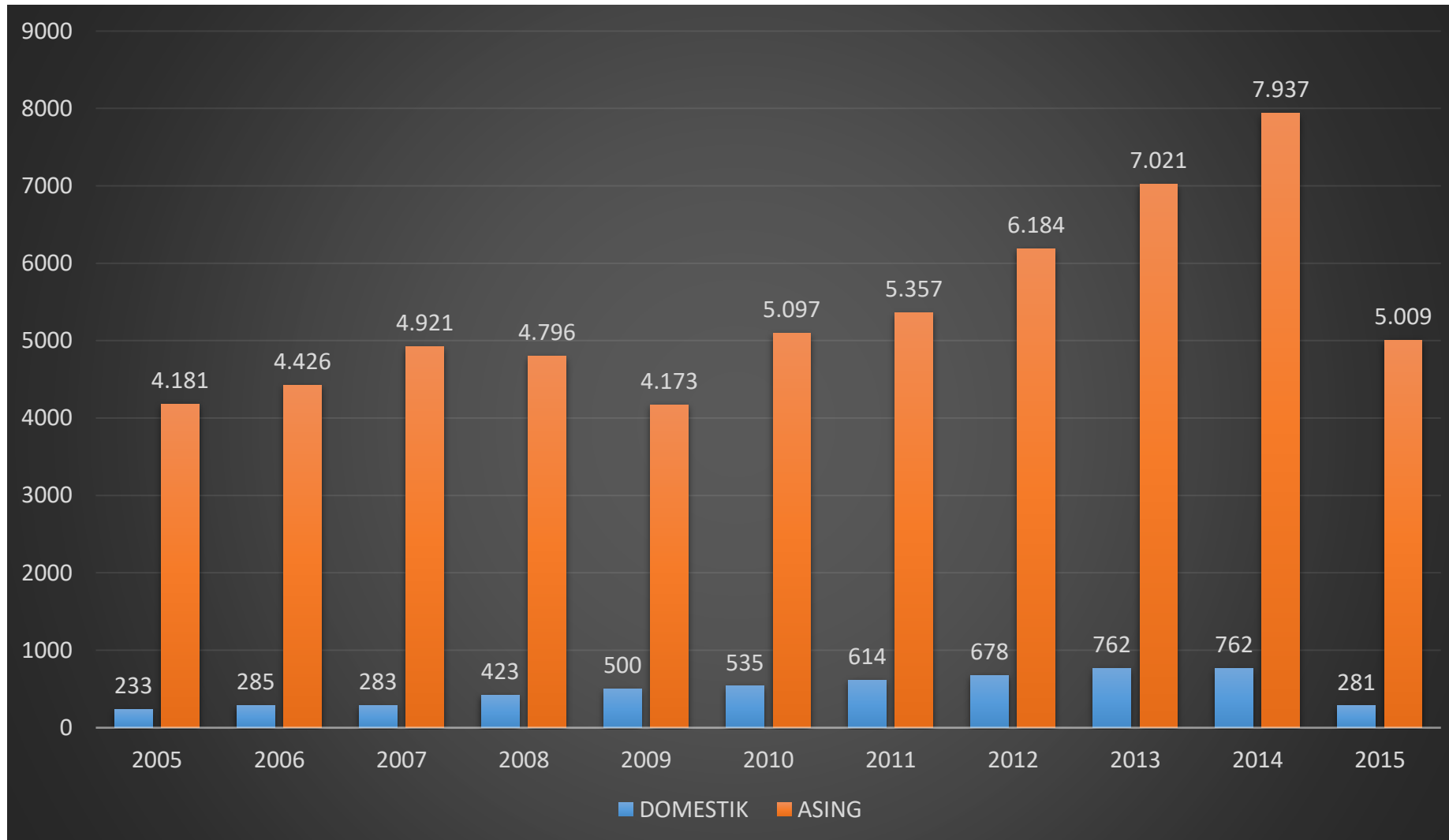
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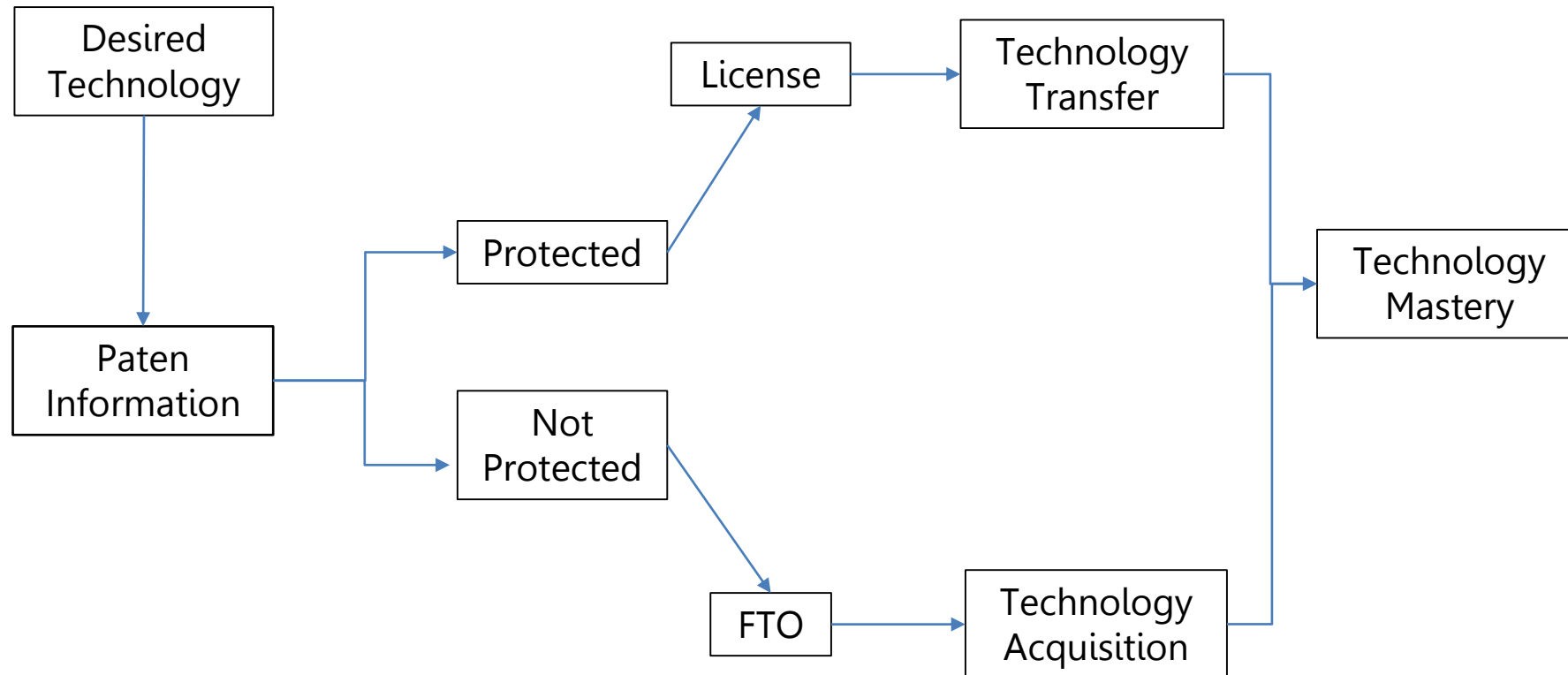
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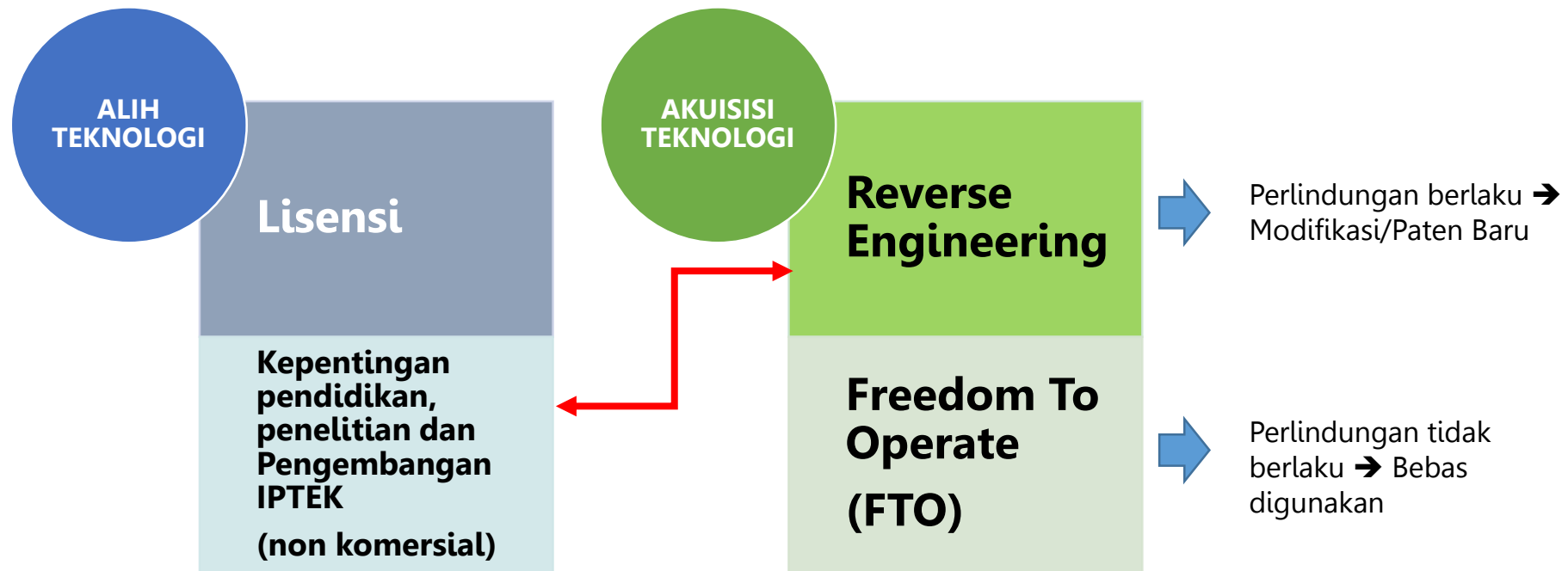
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