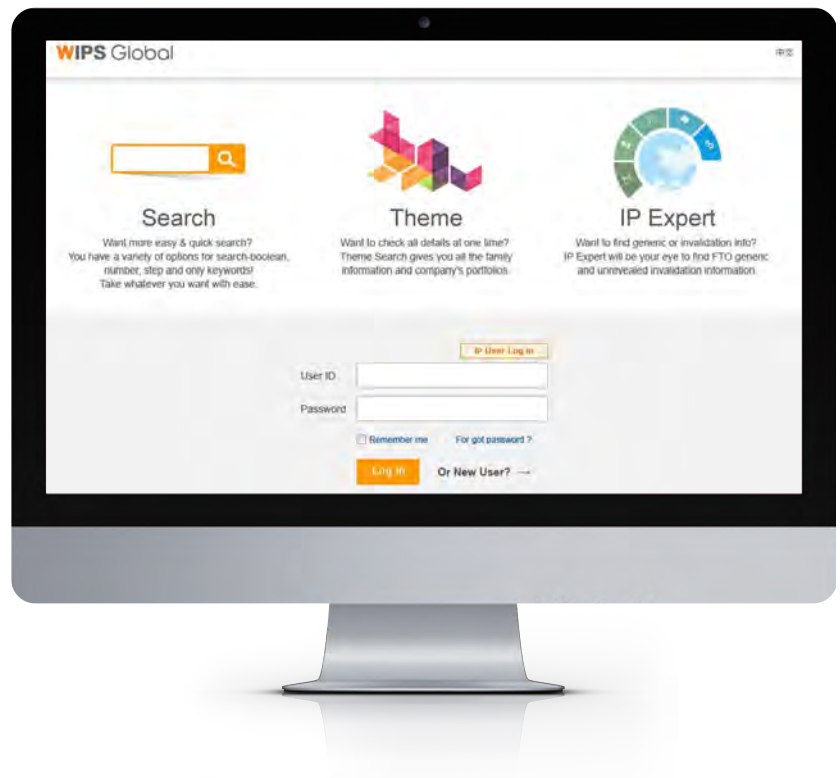




Main page after logging in:

You can jump to Easy Search from Search Window which appears immediately on the main page after logging in. Easier and quicker search is available. Choose any search or function you want.



Search

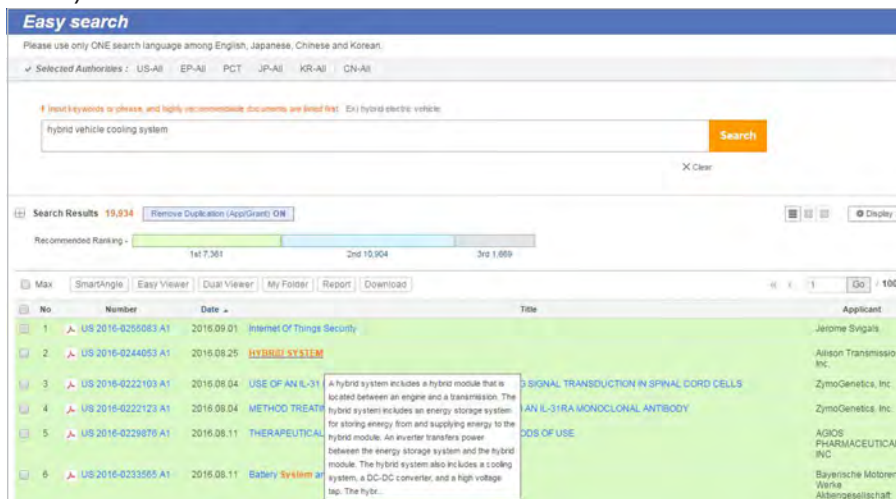
1. New search engine enables users to search a database with English, Japanese, Chinese and Korean.



Choose as many countries as you want to search at the same time. Your query can include English, Japanese, Chinese and Korean keywords all together. (Keyword language affects to the language of patent literature)

2. Various Searches for Various Purposes

A. Easy Search



Easy Search does not require complex queries using operators. Find documents you need easily and immediately with only a few simple keywords operated by 'and'.

Retrieval results will be listed and categorized based on a three-step recommendation. Save time and effort reviewing from the higher priority documents.

B. Number Search

Number Search helper

US Application Number OK

- Series Code / Year
- Series Code / 14
- Series Code / 13
- Series Code / 12
- Year / 2016
- Year / 2015
- Year / 2014

User-friendly number input system is newly introduced with unique number formats of the each national patent office. Number Search Helper is now available to help you find the exact document you need even when you don't know the correct format.

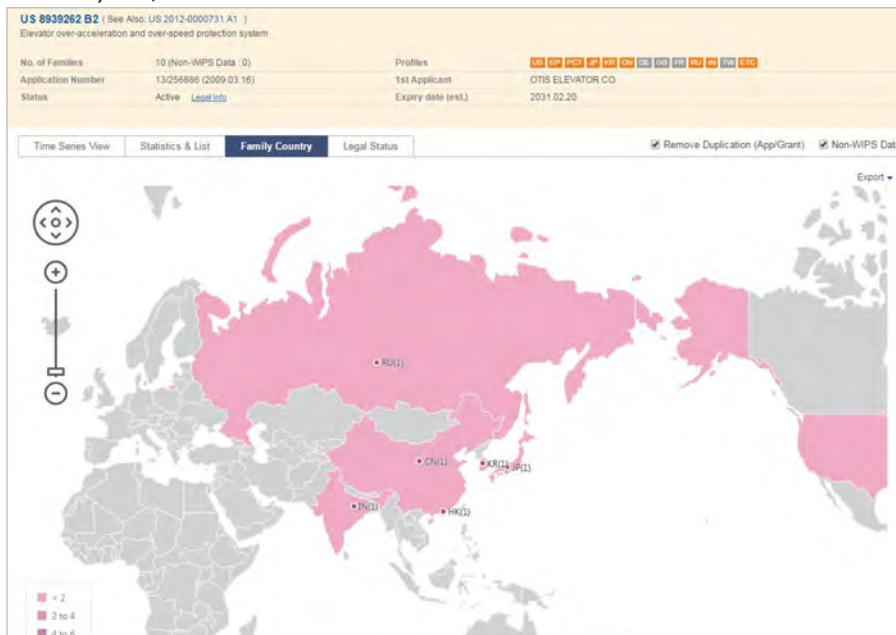
C. Step Search

Step Search List + Save Queries

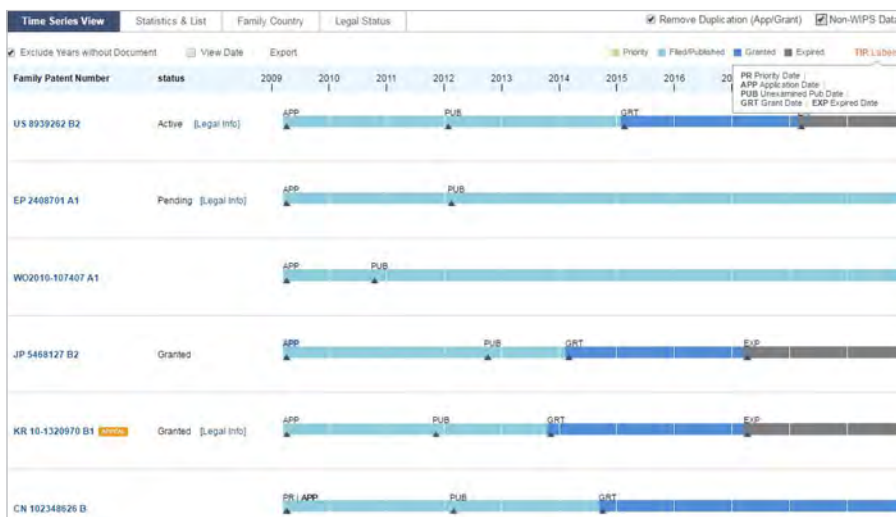
STEP	Queries	Doc(s)	View	Delete
S5	(S2 and S3)	147	List	X
S4	(S1 and engine)	147	List	X
S3	S1 and (hydrogen adj car).key.	147	List	X
S2	(hybrid and Engine).ab.	147	List	X
S1	(hybrid and Car).fi.	147	List	X

Review each step of your search history. Documents of interest are available via inter-step operations. You cannot find this one-and-only function anywhere but WIPS Global2.0. This smart search leads to results via disassembling and combining steps of the complex query.

D. Family Profile & Timeline



Visualization helps you understand at a glance the filing status of family documents of specific patents in the world. You can see differences of application amounts between regions via various colors readily and quickly.



Timeline shows the entire progress from filing to expiration for each family document. You will be able to recognize and compare the status information on patents of interest in view without any difficulty.

Data

1. Full-text search is now available for 11 countries (US, EP, PCT, JP, KR, CN, DE, GB, FR, RU and IN). It enables many more results than before.
2. Final legal administrative status:

WIPS Global2.0 gives you access to the latest administrative information on status (including rejection, registration, cancellation, etc.), current applicant or assignee, expiration date (estimated), assignment history, annual fee, EP lapse during opposition, etc..

Bibliographic	Claims(11)	Description	Legal Info.	Litigation Info.	Claim	Citation	Family	My Folder	Report	Download	File Wrapper
! Due to data supply and update frequency on each patent authority, the legal status info may be different from the data in Full-Text and Images (PDF)											
Summary											
Application Number	10-1987-0008580 (1987.08.05)			Final Action	등록결정(일반)						
Publication Number	10-1989-0003375 (1989.04.14)			Registration	Expired						
Granted Number	10-0091020 (1995.10.30)			Examination Request	Y (1992.08.04)						
Administrative Information											
Receipt/Delivery Date	Document			Status	Receipt/Delivery Number						
2016.03.09	Notification of change of applicant's information			Accepted	412016502989108						
2010.01.12	Registration of Final Determination(First Instance) of Trial Decision			Accepted	212010500676820						
2010.01.12	Notification of Final Determination of Trial Decision			Completion of Transmission	782010000103316						
2010.01.12	Notification of Final Determination of Trial Decision			Completion of Transmission	782010000103260						
2010.01.12	Registration of Final Determination(First Instance) of Trial Decision			Accepted	212010500676976						
2010.01.07	Notification of Final Determination of Trial Decision			Completion of Transmission	782010000050777						
2010.01.07	Notification of Final Determination of Trial Decision			Completion of Transmission	782010000050812						

3. Litigation info.:

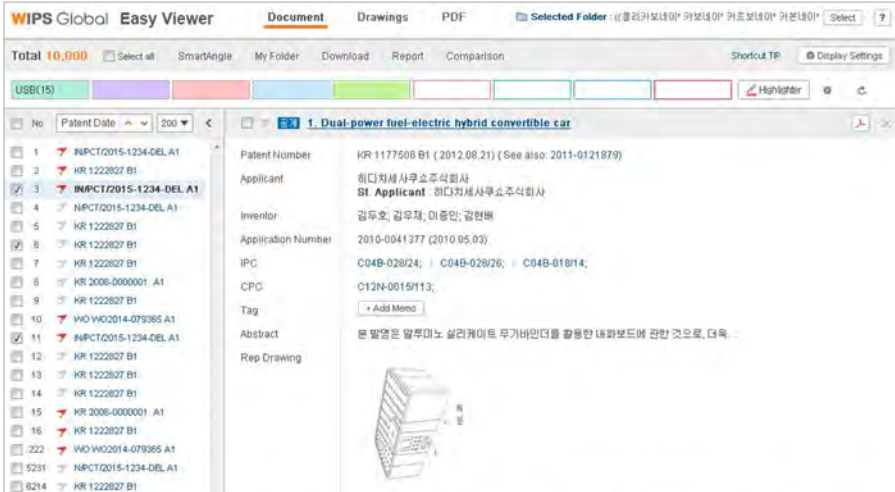
You may also refer to litigation information including trial decision if there is any dispute history. (e.g. appeal against decision of rejection, trial for invalidation, etc.) (limited to EP, KR and JP)

Bibliographic	Claims(11)	Description	Legal Info.	Litigation Info.	Claim	Citation	Family	My Folder	Report	Download	File W
! Due to data supply and update frequency on each patent authority, the legal status info may be different from the data in Full-Text and Images (PDF)											
Information of disputes Information of Appeal SDI											
<input type="checkbox"/> Sorting by Appeal											
Instance	Appeal type	Appeal Number	Request Date	Requester/Claimant	Appeal Decision	Appeal Status					
Intellectual Property Tribunal	Grant of Non-exclusive License	2002당 1292 ▼ (2002100001292)	2002.04.11	보령제약 주식회사	Withdrawal of Request for Trial	Determination					
Intellectual Property Tribunal	Grant of Non-exclusive License	2003당 610 ▼ (2003100000610)	2003.03.31	보령제약 주식회사	Dismissal	Determination					
Intellectual Property Tribunal	Invalidation in Full	2004당 937 ▼ (2004100000937)	2004.05.07	보령제약 주식회사	Dismissal	Determination					
<input type="checkbox"/> Intellectual Property Tribunal	Invalidation in Full	2004당 1699 ▼ (2004100001699)	2004.08.06	씨제이 주식회사	Dismissal	Trial Decision					
Patent Court	Invalidation in Full	2006허당 7498 ▼ (2006200007498)	2006.08.23	안국약품 주식회사	Cancellation of Trial Decision	Judgment					
Supreme Court	Invalidation in Full	2007후당 2797 ▼ (2007300002797)	2007.07.05	화이자인코포레이티드	Dismissal of Appeal	Determination					
Intellectual Property Tribunal	Invalidation in Full	2009당 취소판결 186 ▼ (2009130000186)	2009.09.29	씨제이 주식회사	Establishment of Request	Determination					
<input type="checkbox"/> Intellectual Property Tribunal	Invalidation in Full	2006당 1721 ▼ (2006100001721)	2006.07.06	현대약품 주식회사	Rejection to Trial Decision	Determination					
Patent Court	Invalidation in Full	2007허당 2759 ▼ (2007200002759)	2007.04.02	현대약품 주식회사	Closure of Litigation by Withdrawal	Determination					

Review

1. New WIPS Global2.0 offers various review tools for documents searched. They are very useful to investigate documents in different ways and views.

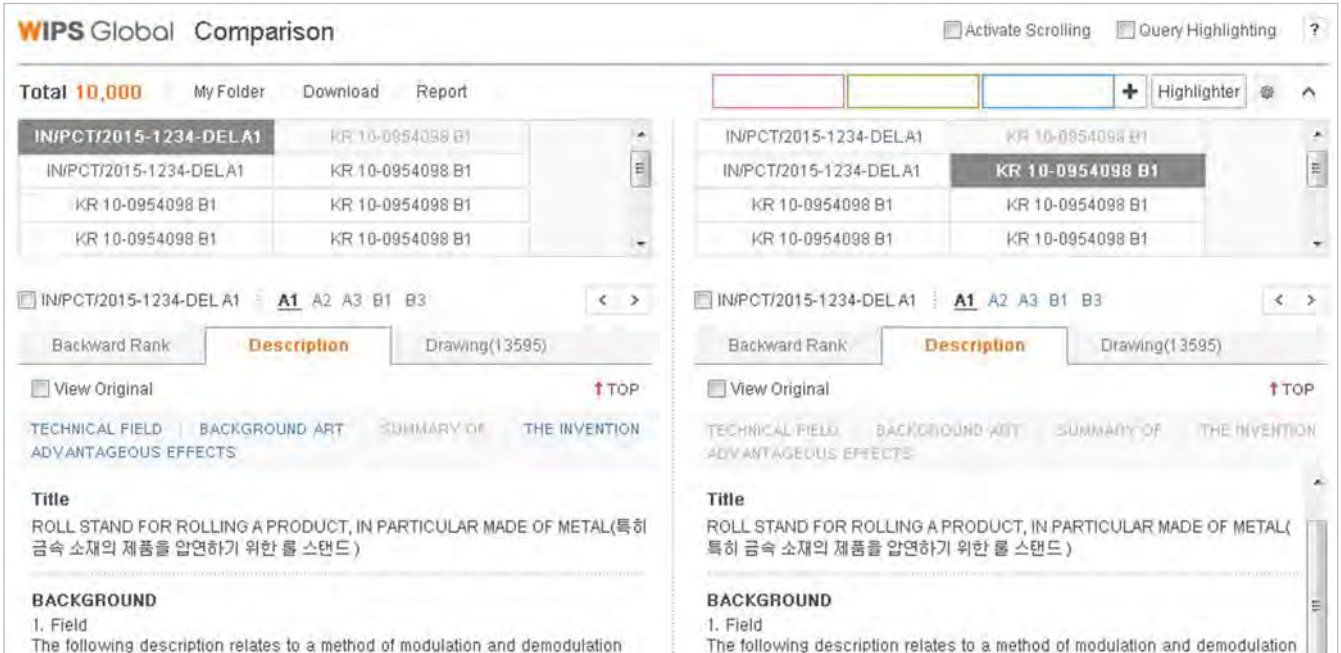
A. Easy Viewer:



Run your eyes over a plurality of documents in a short period of time. Four additional highlight functions will make simple sorting more effective.

B. Comparison:

This tool enables intensive comparison between two different documents. You can compare documents of interest in detail by arranging claims or drawings side by side.



2. If you find a primary document of high importance, put up a flag and save it in My Folder. You can collect flagged documents all together later, and the analysis will require less time and labor.
3. Just saving documents is not enough. To use my documents of interest actively and effectively, additional enhanced functions have been developed: document memo, inter-folder operations (sum set, different set and product set) and query rerun.

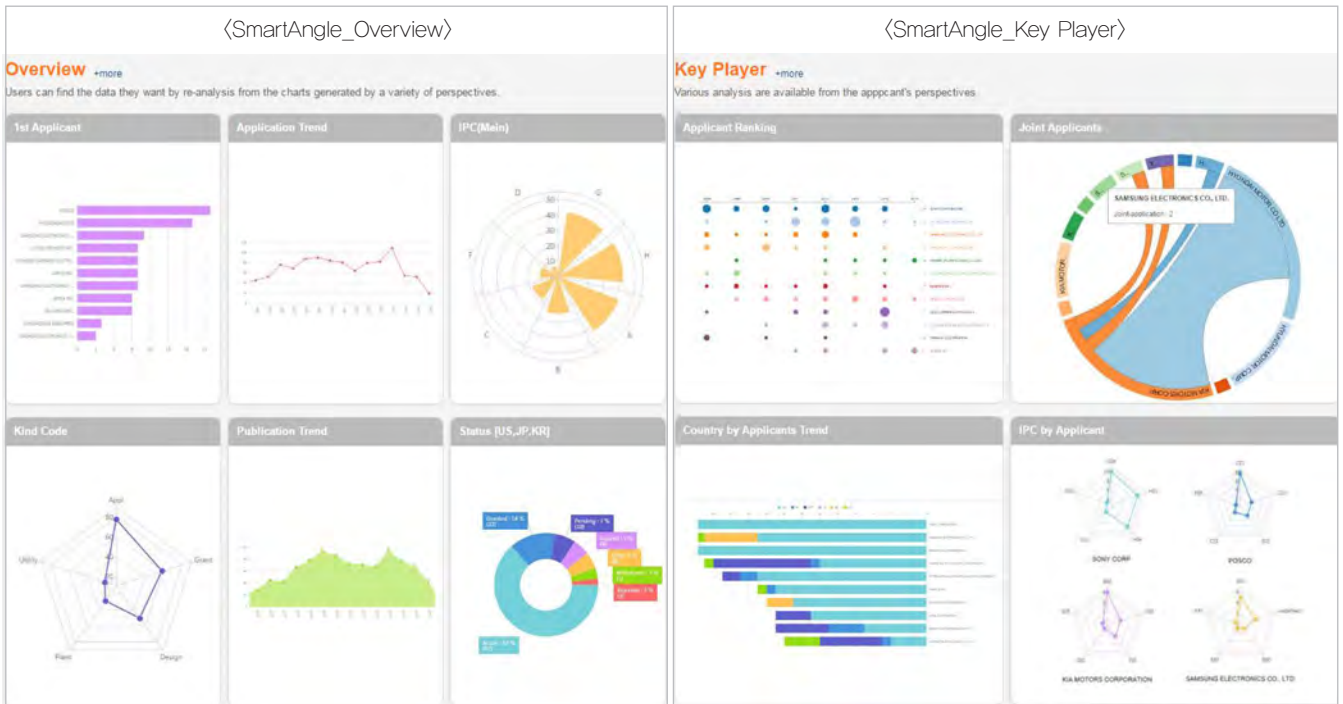


Analysis

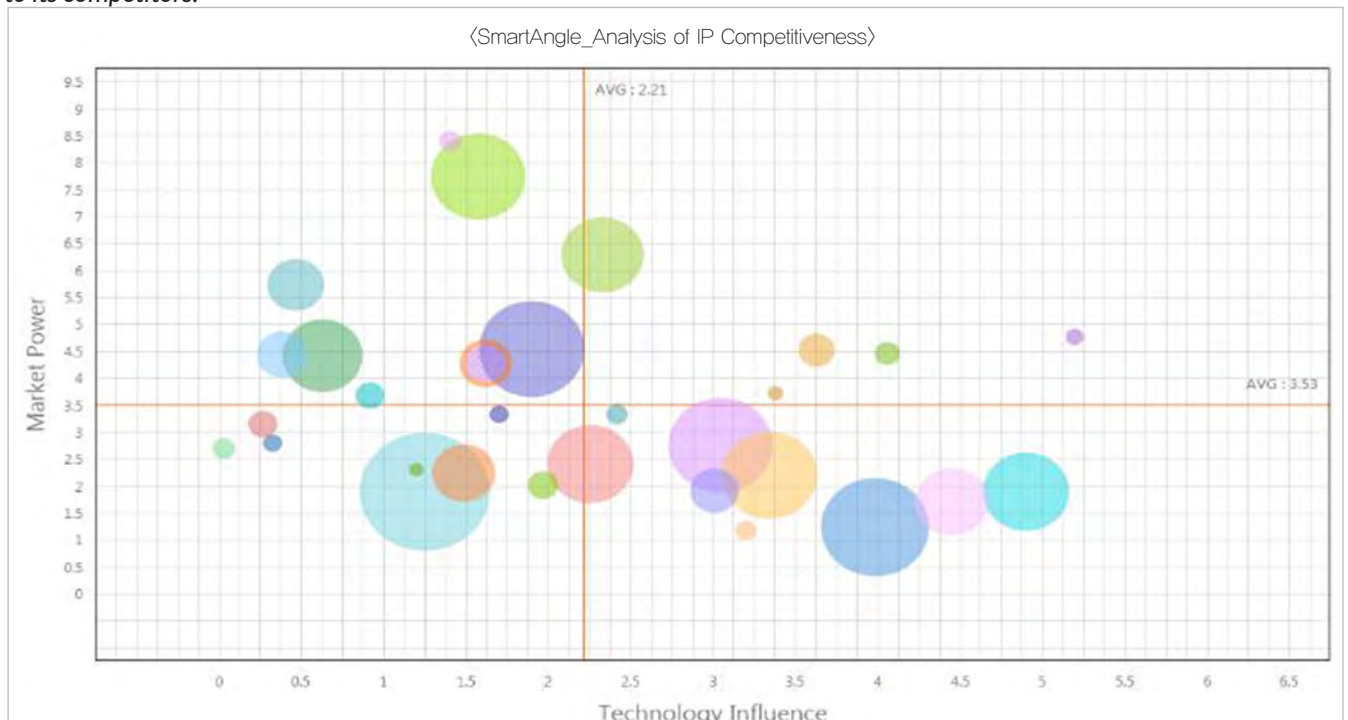
1. SmartAngle:

WIPS Global analysis tool SmartAngle has been completely renewed and far more upgraded than ever in WIPS Global2.0. New SmartAngle allows you to obtain analysis results via various items and shows more visual statistics by charts. WIPS has prepared a variety of charts and editing tools to help you acquire functional statistical data.

- A. User-friendly applicant editor helps you to edit applicant/assignee name as you want. The edited name will be immediately applied to the charts and saved. It makes it easier for you to work on.
- B. Specific items can be picked up from a chart and analyzed again up to four times. Highly advanced and sophisticated statistics are offered to users.

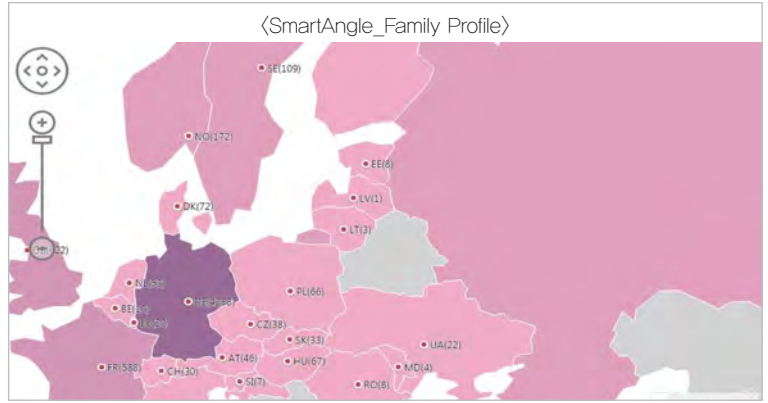


- C. Newly added IP Competitiveness shows you which applicant has more market power and influential technology by comparing to its competitors.

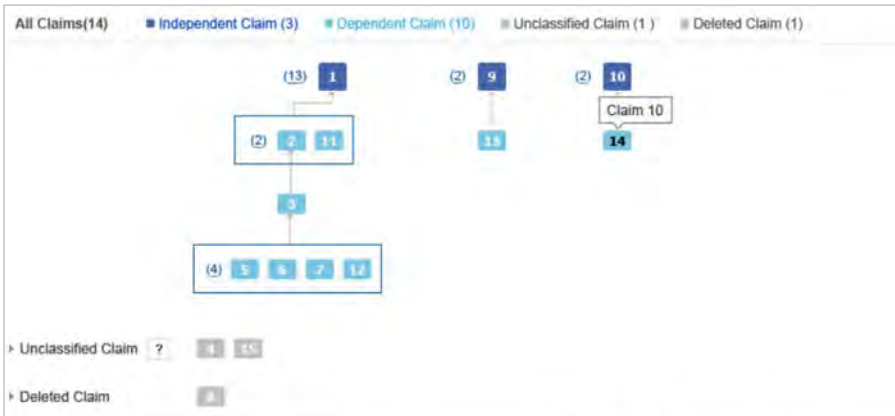




D. Family profiles has also been more upgraded in WIPS Global2.0. You can see overview and detail by zoom in/out. It gives a list of country showing statistics.

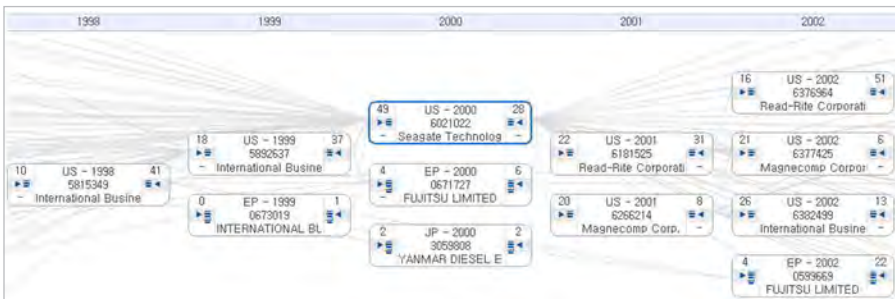


2. Claim Analysis:



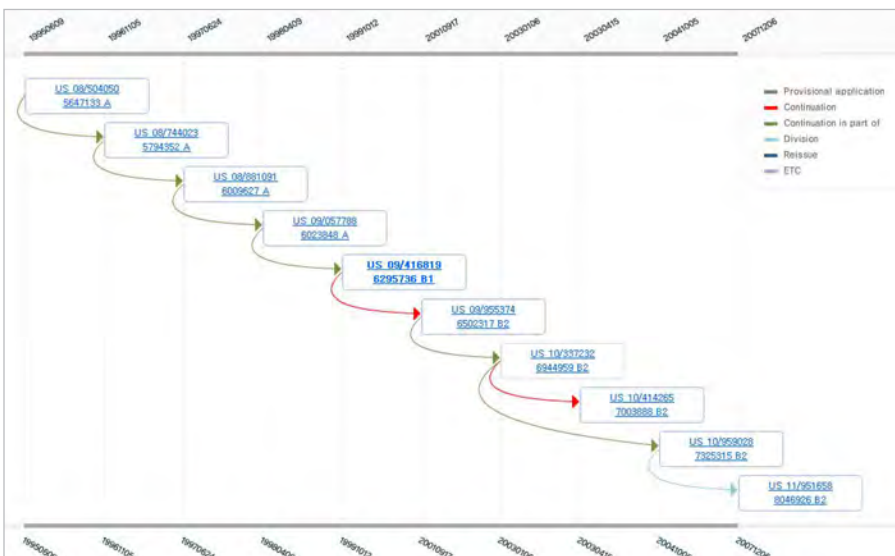
Claim visualization shows hierarchy and citing relations between claims to enable easy review on subject matters. Functions such as inter-document claim comparison and claim keyword analysis are offered to help you understand changes which have occurred between publication and granted status, e.g. changes in a scope of protection.

3. Citation Reference Analysis:



This function involves identifying and providing correlation between standard references and backward & forward citation references via visualization and statistics. Reference information can be analyzed for the standard reference. Up to 3 depths of backward and forward from the document selected is displayed.

4. RA (Related Application) Analysis:




Unique function of USPTO database has now been introduced into WIPS Global2.0 to help you understand US continuation application history at a glance. Confirm how the invention has been modified /improved and guess how the examination has been carried out for the application via the RA analysis.



IP Experts

1. FTO Generic:

This integrated service links WIPS patent information with Orange Book information, compiling a database of annual FDA List of Authorized Generic Drugs. You will easily be able to find out a period for which the patent can be exploited based on the expiration date provided by FTO Generic.


FTO Generic - Freedom to Operate Generic
Patent List of FTO

Search Field for Orange Book ^

Products Data

- Active Ingredient
- Proprietary Name
- FDA Application Number
- FDA Applicant

Exclusivity Data

- Exclusivity Code
- Expiry date (est.) ~

US patent

- Granted Number
- Granted Date ~
- Expiry date (est.) ~
- Current Assignee

[X Clear](#)

ex) INSULIN DETEMIR RECOMBINANT

ex) LEVEMIR FLEXPEN

ex) 206538 N206538

ex) NOVO NORDISK INC

ex) ODE


ex) 20150101 ~ 20151231

ex) 5750497

ex) 20150101 ~ 20151231

ex) 20150101 ~ 20151231

ex) Nordisk



Search

FDA Application Number : **A021536** 34 / 250

< >
Go to Product
Select

Active Ingredient INSULIN DETEMIR RECOMBINANT

FDA Applicant NOVO NORDISK INC

Application Type Abbreviated New Drug Applications

Product No. : 001

Products Data

Proprietary Name	INSULIN DETEMIR RECOMBINANT		
Dosage Form,Route	INJECTABLE,SUBCUTANEOUS		
Strength	1000 UNITS/10ML (100 UNITS/ML)		
Approval Date	2005.07.16		
Type (RX/OCT/DISCN)	Rx (Prescription Drug Products)		
TE Code	AB	Reference Listed Drug	Y

Exclusivity Data

Exclusivity Code	Description	Expiration Date
M-115	REVISIONS TO THE PI BASED ON RESULTS FROM STUDY NN2211-1842, ENTITLED THE EFFECT...	2015.04.06
M-117	ADDITION OF RESULTS OF PEDIATRIC TRIAL TO LABEL	2015.05.18

US Patent Data Save to My Folder Easy Viewer

<input type="checkbox"/>	Granted Number	Granted Date	Status	Expiration date(Estimate)	Current Assignee	Family Profile	Cited Reference(F1)	Patent Use Code
<input type="checkbox"/>	US5750497 B2	2001.01.01	Live	2019.07.16	NORDISK	4 (US,IT,WO,EP)	10	U - 668

Drug Substance Claim : Y Drug Product Claim : Y Delist Requested : Y



2. Invalidation Advisor:

Function to automatically offer documents which potentially defeat patentability of the specific patent via WIPS' own process without a user's search. This 1-step service doesn't require much effort to collect the documents for invalidation. The stability and high quality of documents are also guaranteed. Each document in result list shows relation with target patent or its family patents.

TARGET PATENT
US 8939266 B2 Composite brake disc

MAX Easy Viewer Dual Viewer My Folder

Total 18 ! Duplicated references have been removed.

No	Number	Date	Title	Applicant	Source
1	US 5374319 A	1994.12.20	Welding high-strength nickel base superalloys	Chromalloy Gas Turbine Corporation	Target Family
2	US 2007-0062768 A1	2007.03.22	Bi-metal disc brake rotor and method of manufacturing		Target Family
3	US 2007-0199778 A1	2007.08.30	Vented disc brake rotor		Target Family
4	US 5109960 A	1992.05.05	Brake disk for disk brakes	Schwabische Huttenwerke Gesellschaft mit beschränkter Haftung (GmbH)	Target Family
5	US 5184663 A	1993.02.09	Ventilated disk and process for making same	Aisin Takaoka Co., Ltd.	Target Family
6	US 5862892 A	1999.01.26	Composite rotor for caliper disc brakes	Hayes Lemmerz International Inc.	Target Family
7	US 6131707 A	2000.10.17	Disc brake rotor and method for producing same	Kelsey-Hayes Company	Target Family
8	US 6164423 A	2000.12.26	Vented rotor for caliper disc brakes and the like	Hayes Lemmerz International, Inc.	Target Family
9	US 6267209 B1	2001.07.31	Brake unit with a non-metallic brake disc made of ceramic and a hub made of another material	Daimler-Benz Aktiengesellschaft	Target Family

TARGET PATENT
US 8939262 B2 Elevator over-acceleration and over-speed protection system

CLAIM SETTING English

Claim 1
 1. An elevator safety system comprising:
 a speed detector configured to sense a speed of an elevator system mass;
 an acceleration detector configured to sense an acceleration of the mass;
 a mechanical safety configured to be connected to the mass;
 an electromagnet trigger connected to the safety; and
 a controller configured to release the trigger to engage the mechanical safety when (a) the speed detector senses an over-speed condition or (b) acceleration detector senses an over-acceleration condition for the mass, and to automatically reset the trigger.

Cited References

No	Number
1	US 2007-0089938 A1
2	JP 2007-521203 A
3	KR 10-2004-0029816 A
4	JP 2009-023823 A
5	US 5869794 A
6	US 6173813 B1
7	US 2004-0079591 A1
8	EP 1864934 A1
9	JP WO2004-083091 A1
10	CN 001860077 A
11	US 2004-0200671 A1
12	US 2005-0217945 A1
13	US 2005-0269163 A1
14	US 2007-0125604 A1
15	US 2007-0170010 A1
16	US 2008-0128217 A1

TITLE
Control device of elevator

ABSTRACT English
 In an elevator control apparatus, the presence/absence of an abnormality in an elevator is monitored by an abnormality monitoring portion. The abnormality monitoring portion makes a determination on the presence/absence of an abnormality in the elevator based on information from a sensor, and outputs a signal for stopping a car upon detecting an abnormality. The history of information on the result of determination by the abnormality monitoring portion is recorded in a history information recording portion.

DRAWING (31)