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**WIPS**

# About WIPS

## A Global IP Specialist,

WIPS provides professional IP services- search, analysis, evaluation, consulting, and education of intellectual property.

Since 1999, our steady research and development and excellent quality data have been recognized as the most reliable services by our customers.

To make the best of customer value, we are accelerating the development of services that converge data of companies, markets, and industries based on intellectual property data using the latest IT technology.

WIPS team will continue to make the best effort to be the most intelligent partner to strengthen our customers' business competitiveness.

### Partnership & Award

Designated Prior Art Search Institute By KIPO

DB Quality Grand Prize
by the Ministry of Information and Communication

Certified ISO / IEC 27001:2013
Information Security Management System

Designated as World Class Product /
Service by Ministry of Knowledge Economy

# WIPS Global
## AI-powered global patent database

With a high-performance search engine, WIPS Global provides dynamic analysis features and rich contents for patent experts to improve work efficiency and derive insights through data convergence and various cutting-edge technologies applied with AI technology.
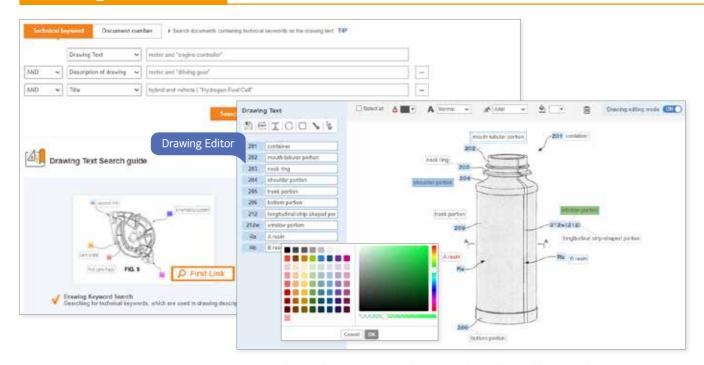
**HIGH QUALITY TRANSLATION**

**ARTIFICIAL INTELLIGENCE**

**VARIOUS REVIEW**

**IN-DEPTH ANALYSIS**

**ADVANCED INFORMATION**

**IP EXPERT WITH A.I.**

WIPS Global

# Search

## AI Search



Sentence, phrase, journals etc.

Search result charts

Similarity score

- As a sentence search feature, only documents with high similarity are provided by applying a neural network deep learning algorithm.
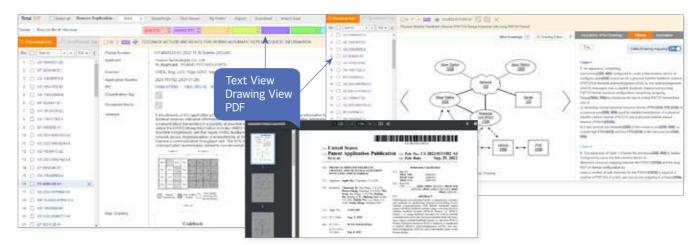
## Drawing Text Search



Drawing Editor

- Search for drawing texts that include technical keywords.
- Search by keywords or patent number. (KR, US, JP)
- Drawing Editor for user to edit texts of the drawing or add/ change color using styler.

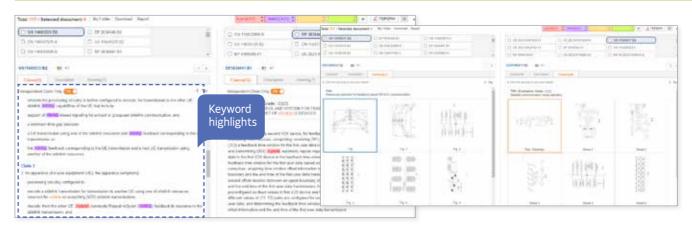- In addition, it provides Field Search, Number Search, and step search.

# Review

## Easy Viewer



Text View
Drawing View
PDF

- Easy and convenient review for bulk documents.
- Provide various view mode for text, drawing and PDF.
- Various features connected- SmartAngle, My Folder, Download etc.

## Dual Viewer



Keyword highlights

- Compare claims, drawings or description of the two patents in dual format.

## Report



Summary

Techflow

- Extract details of the patent document in a report format to review.
- Figure out the flow of technology by listing in a time series.

# Review

## Search Result Chart



Search result filter

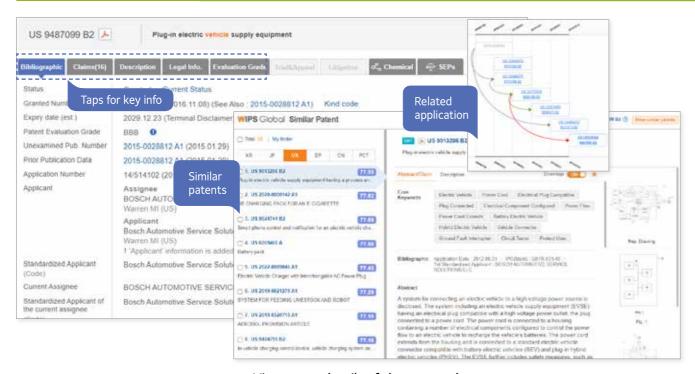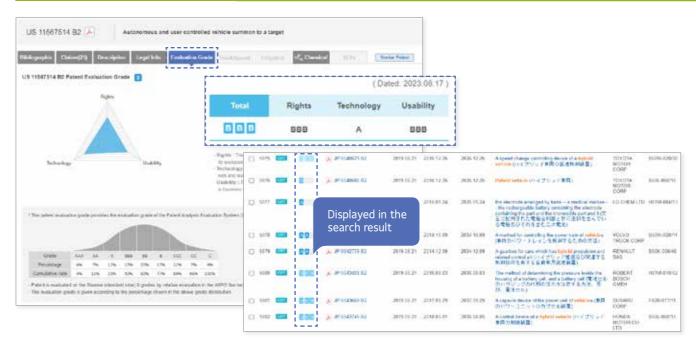Enlarge chart

- Stats charts of the search result.
- Re-search is available for the entire search result based on the selected patent.
- Enlarge chart to check the details.

## View Details
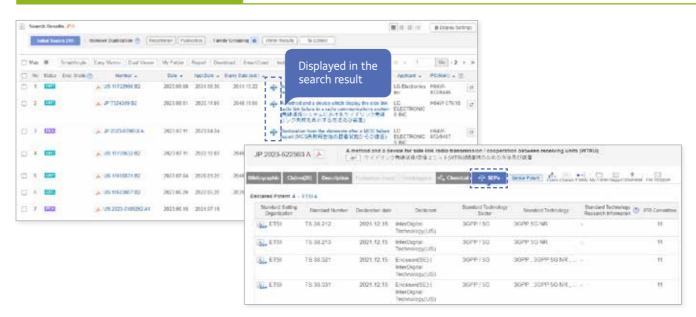


Taps for key info

Similar patents

Related application

- View every details of the patent document.
- Every information that the patent document has- status, family, citation, admin. Info, assignee, similar patents etc.
- Tap for bibliography, claims, description, legal info, evaluation grade, trials, standard essential patents etc.

## Evaluation



Displayed in the search result

- Identify the excellence of patents through various evaluation indicators.
- Check the evaluation grade of the patent by rights, technology, and usability in the tab. (Smart5 - US, EP, CN, JP, KR)

- Smart5 data is provided from Korea Invention Promotion Association.

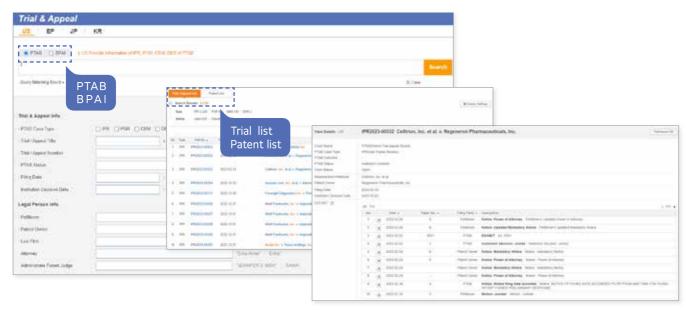## Standard Essential Patents



Displayed in the search result

- Standard Essential Patents declared/listed by Standard Setting Organization and its patent family data.
- Tap for details of SEPs.
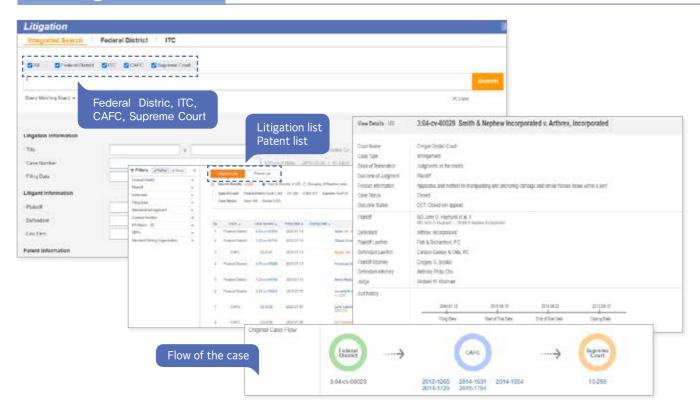- Check related patents that have some of the same standard information of the document in review.

# Trial/US Litigation

## Trial / Appeal



- **PTAB BPAI**
- **Trial list / Patent list**

- • **Search patents that disputes (trial/ appeal) occurred (US, EP, JP, KR)**
- • Provide trial list and patent list as search result.
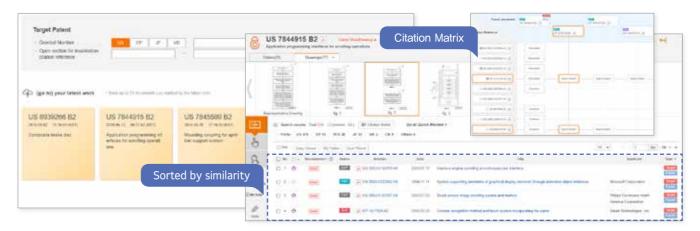- • Review details of trial info for each country. (PTAB, BPAI for US)

## US Litigation



- **Federal Distric, ITC, CAFC, Supreme Court**
- **Litigation list / Patent list**
- **Flow of the case**

- • **Search for patent litigation cases in US jurisdictional courts.**
- • Provide litigation list and patent list as search result.
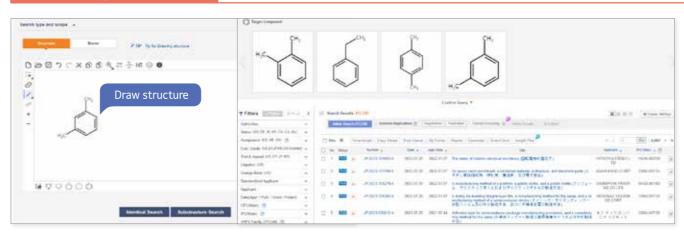- • Review details- litigation history, Docket, flow of the case etc.

# IP Expert

## Invalidation Advisor



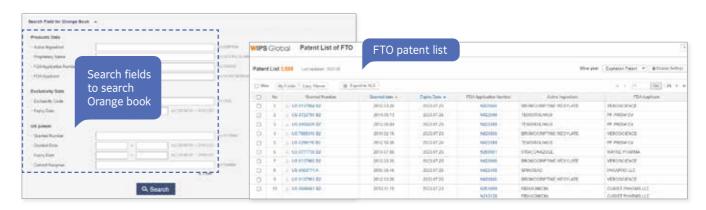- **Citation Matrix**
- **Sorted by similarity**

- • **The advisor tool used when invalidating a valid registered patent. (US, EP, JP, KR)**
- • Provides search results in order of similarity sorted using deep learning algorithm.
- • Check the correlation between the target patent and the citations of the patent families.

## Chem Sight



- **Draw structure**

- • **Search for compounds with identical or extended structures by compound name or structural formula.**
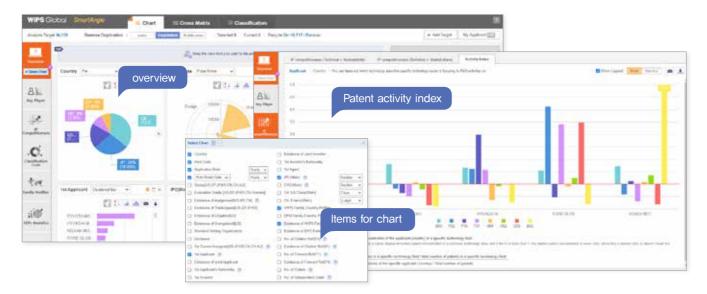- • Provides detailed information on selected compounds and related patents.

## FTO Generic



- **Search fields to search Orange book**
- **FTO patent list**

- • **Search by linking FDA's Orange Book and US patents.**
- • Check the list of drug patents that can be operated freely.

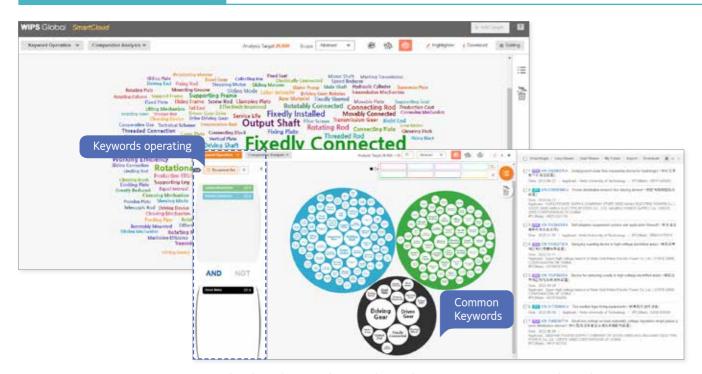# Analysis

## SmartAngle



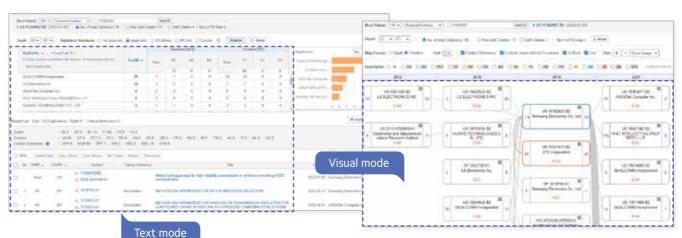overview

Patent activity index

Items for chart

- **Statistical analysis that visualizes the analysis from various perspectives on the web.**
- Analysis of IP power using (Technology v Marketability) or (Technology v Market share) indicators.
- Identify relative patent concentration based on patent activity index.

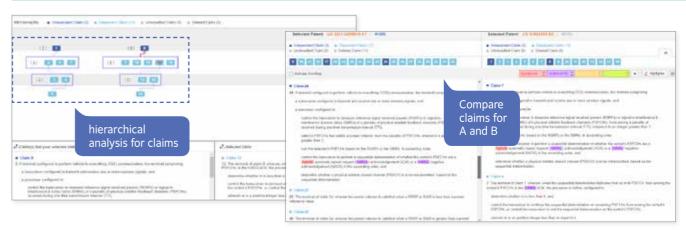## Smart Cloud



Keywords operating

Common Keywords

- **Technology keyword map of population patents using AI algorithm.**
- Review the document list by keyword combination.
- Identify competitor's focused R&D area.

- Max. 20,000 patents available.
- Abstract, entire claims, description for analysis scope.

## Citation Analysis



Visual mode

Text mode

- **Analyze patent citations (backward/ forward).**
- 3depth backward and forward citations from the root patent.

## Claim Analysis



hierarchical analysis for claims

Compare claims for A and B

- **Increase the identification of the most important claims and enhance the utilization.**
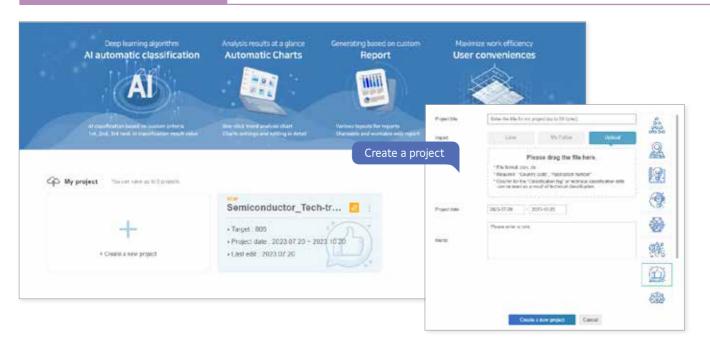- Understand the relationship between independent and dependent claims.

## Family Timeline



Status in a time series

- **Details of Patent family- status, country, stats, list, admin. Info etc.**
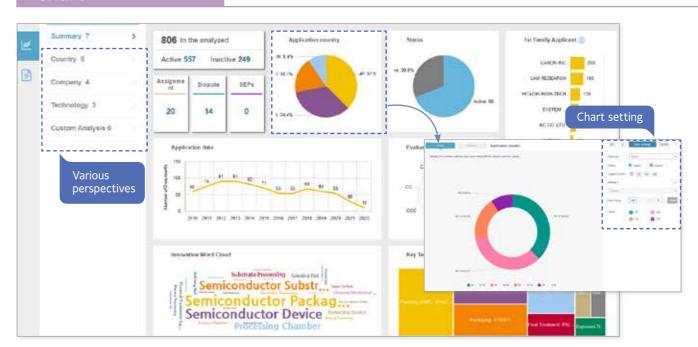
# Insight Plus

## Main



Create a project

- Analysis tool to identify technology trends using patents.
- One-stop process from technical classification-chart-report.
- AI learns the user's classification and automatically classifies the rest of the documents.

## AI Classify



Tech Tree

Smart Cloud

My family applicant

Keyword highlight

- User set the similarity(%) to run AI automatic technology classification.
- Provides applicant information for trend analysis in family group units.
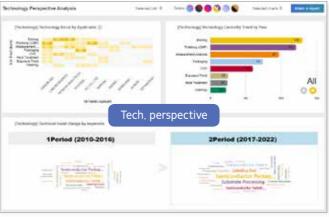- Users can selectively update data using the 'Data Update' button'.

## Chart



Various perspectives

Chart setting

- Various dynamic charts that analyze the technology trend of the project with patent data classified by AI technology.
- Analyze for entire documents.
- Various perspectives for chart.



Country perspective

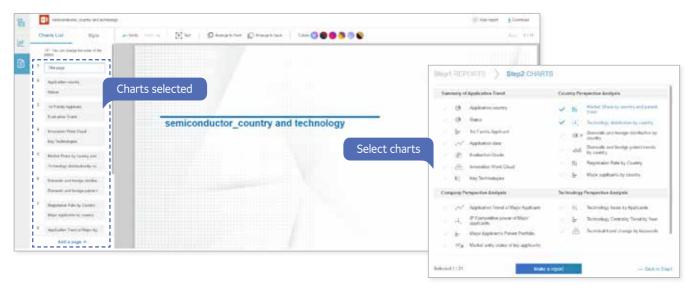Company perspective

Tech. perspective

- Country perspective- Tech-development by country, domestic and foreign analysis to identify the leading country
- Company perspective- identify key players based on market entry status and secured technology of top applicants.
- Technology perspective- Predict future R&D direction by identifying detailed tech-trends and whitespaces.
- Custom perspective- Create charts from user's perspective.

# Insight Plus

## Report



Charts selected

Select charts
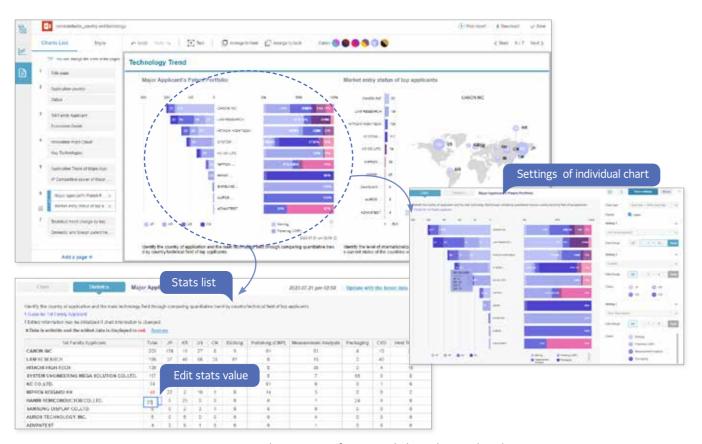
- Quick and easy web report by selecting an automatically generated charts.
- Report is created in Word or Power Point format and shared by URL.



Settings of individual chart
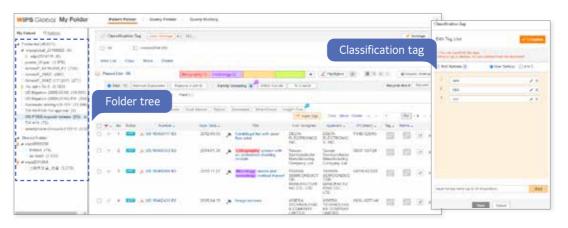
Stats list

Edit stats value

- Edit settings of stats and chart data within the report.
- Save the style and settings of the chart.

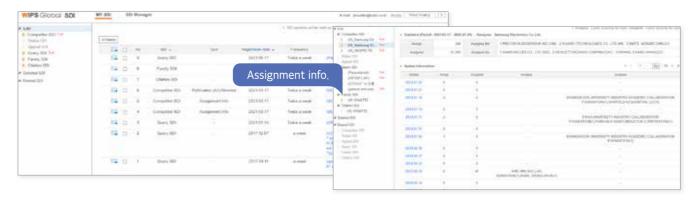- Save as Word or Power point.
- Download chart data in xlsx.

# Convenient Toolkit

## My Folder



Classification tag

Folder tree

- Storage space to manage data that user saved.
- Create patent folders, operate and share using the folder tree
- Classification tag to classify large amount of patent documents.

## SDI



Assignment info.

- Notification of data update set by the user
- Notifications: competitor, status, trial, search query, patent family, citation etc.

## Download



Move field by mouse

- Save and utilize search results.
- Download option: Text, Rep. drawing, PDF

- Format : XLSX, TXT, MDB, CSV, XML