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PATENT PLATFORM FOR THE MODERN INNOVATOR

Our trained transformer-based AI engine delivers unmatched accuracy for your semantic searches



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PATSEER PREMIER

An AI-driven global patent research platform with integrated analytics, project workflow and collaboration capabilities

WHY CHOOSE PREMIER?



250+ fields, powerful search: Proximity, Boolean, Command Line, Search Scripting, SLART, AI Semantic Search, Chemical Lookup, Corporate Tree.



Power Review tools - Multiple result views optimized for single/dual monitors, KWIC with deep navigation into the full-text, specialized drawings only view



Flexible Exports & Alerts - Export in Word/Excel/ CSV/ PDF/ XML. Highly configurable search alerts, Record and Family monitors

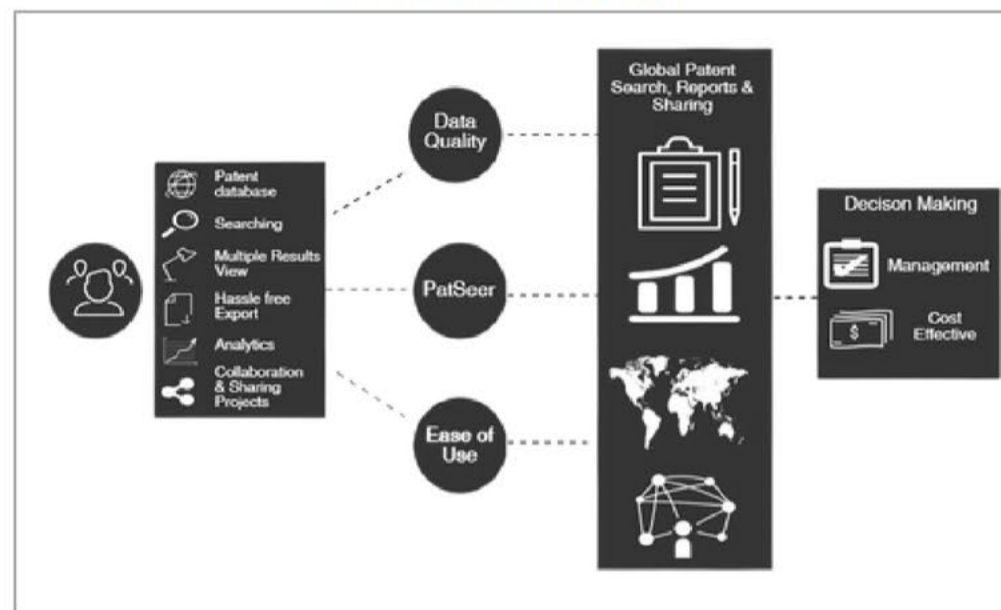


Organize and track all ongoing work in Projects. Invite collaborators and take their feedback. Analyze results via a host of multi-dimensional charts and graphs.

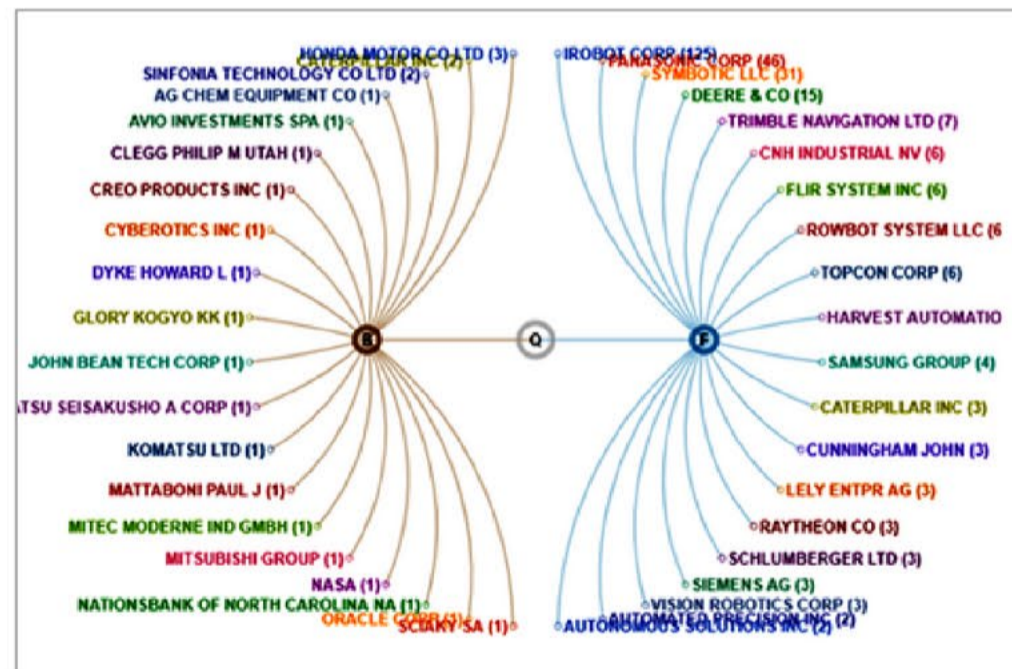


The Complete Professional Patent Research, Analysis and Collaboration Package!

PATSEER PREMIER



MULTI-GEN CITATION ANALYZER



A faster & smarter patent research solution for your whole company

CAPABILITIES

Search

- Unmatched global patent data coverage with both family and publication-based search
- GPT-driven semantic search in addition to all the expert search forms and tools

Projects

- Leverage flags, ratings, custom fields, hierarchical categories to add context to your analysis.
- Define any number of custom fields or create a hierarchical categorization for records

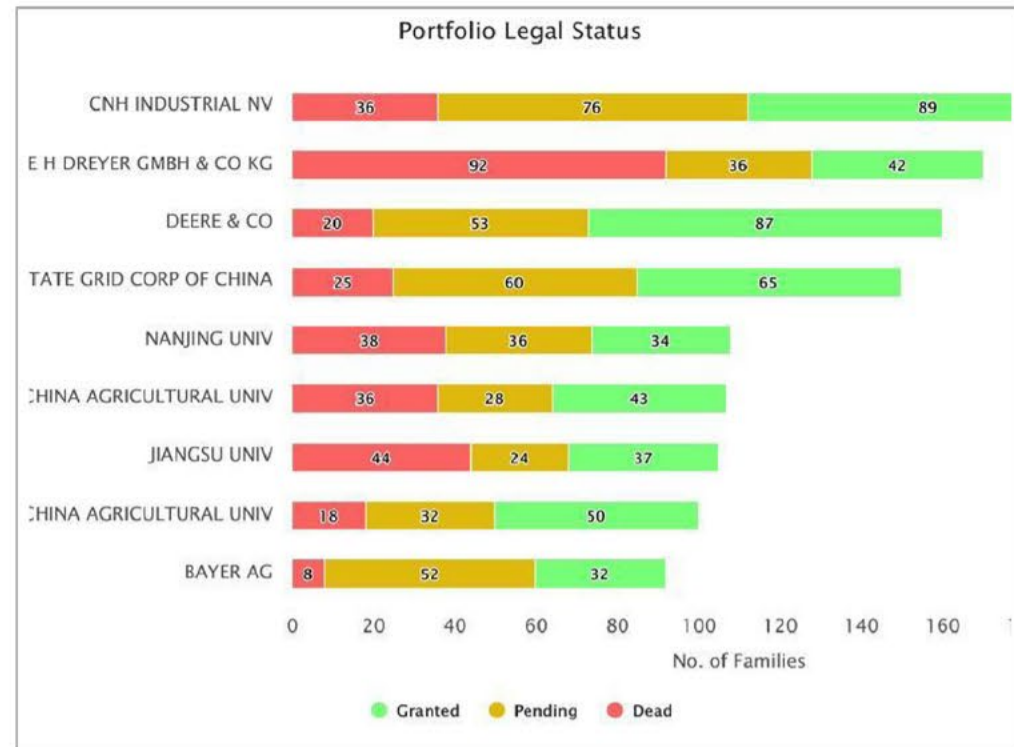
Collaborate & Share

- Choose who can access your projects, their roles, and how you want to manage them
- Easily collaborate with internal or external collaborators on patent data projects

Analyse

- Create your organizational taxonomy, import your custom metadata and make your analysis more business relevant
- Analyze search results via multi - dimensional charts

PORTFOLIO LEGAL STATUS



RECORD ANNOTATION

Filter
ABSTRACT
 The present invention relates to a filter comprising a self-supporting body of non-woven carbon nanotubes useful in the sequestration of an airborne virus.

CLAIMS
 1. A filter which is capable of sequestering an airborne virus comprising: a framework and a self-supporting body of non-woven carbon nanotubes mounted on or in the framework.
 2. A filter as claimed in claim 1 further comprising: means for inactivating the virus.
 3. A filter as claimed in claim 2 wherein the means for inactivating the virus comprises an electric field generator for generating an electric field in the self-supporting body of non-woven carbon nanotubes.

DESCRIPTION
 The present invention relates to a filter, to an air treatment apparatus comprising the filter or body of non-woven carbon nanotubes in the sequestration of an airborne virus.
 The presence of airborne viruses is a prevailing risk to public health. The global pandemic ca...

TECHNOLOGY DEEP-DIVE



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PATSEER PRO X

PatSeer ProX combines IP portfolio quality metrics with quantitative numbers to give you an accurate picture of the market leaders, challengers and niche players.

WHY CHOOSE PRO X?



Proven Scoring Model helps you identify promising IP portfolios. Each invention family is evaluated against 40+ quality parameters to accurately identify the market leaders, challengers, and niche players.



Flexible filtering, layering and X vs. Y analyzer gets you answers to questions that matter most.



Multiple datapoints to help you validate build, buy or license decisions, evaluate market or legal risks, Assess Offensive or Defensive viability, Prune non-performing assets

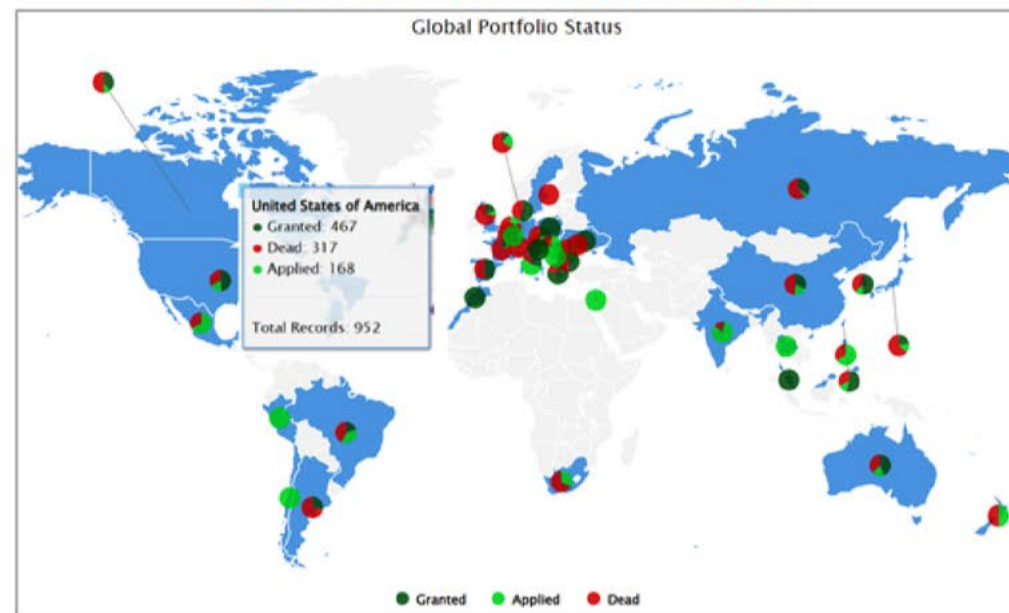


Prepare a set of stunning charts that convey the desired insight and share it with stakeholders

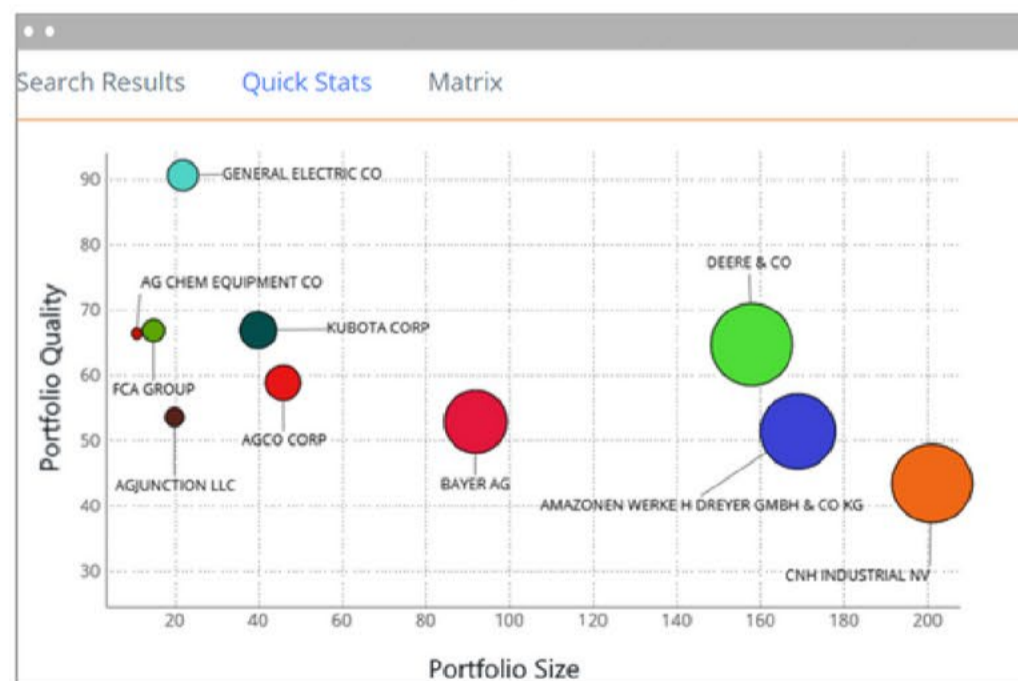


The only IP business and technology intelligence platform you will ever need

GLOBAL PORTFOLIO STATUS



PORTFOLIO QUALITY VS SIZE



Use PatSeer ProX to deliver high-quality insights across the Innovation lifecycle

CAPABILITIES

Search

- Multiple search forms for searching across patents, companies, litigations and NPL
- GPT-driven Semantic search that delivers highly relevant records

Projects & Collaboration

- Create a centralized work environment for your internal team to manage and work on patent data projects, carry out analysis and deliver insights
- One click collaboration with colleagues to work simultaneously on projects.

IP Strategy

- Identify promising IP portfolios and compare its strengths and merits with your own portfolio to refine your build vs buy vs license strategy
- Evaluate the legal strengths and positions held by key players in a technology space before you decide to invest into a new technology

IP Intelligence

- Find licensable art within your portfolio early on and increase the success probability of your out-licensing program
- Map your own portfolio to identify the weakest patents. Stop wasteful expenditure in renewing IP that does not matter

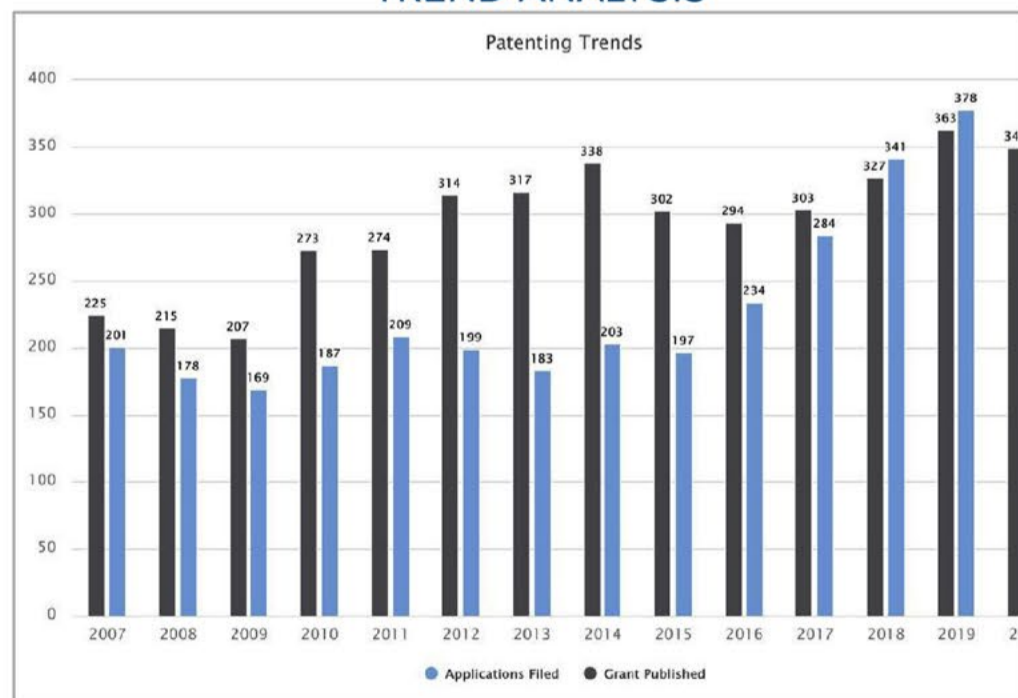
PATENT QUALITY VS AGE

3D Printing Technology																
27	18	26	29	12	17	15	29	25	55	72	49	16	27	7	9	2
96	72	69	50	23	28	27	33	21	31	35	22	12	67	35	13	6
118	103	106	81	30	30	30	37	13	20	35	10	8	49	33	21	12
130	86	117	80	39	25	30	34	28	17	11	7	9	29	12	8	10
122	102	88	79	33	30	24	30	26	11	7	14	5	13	15	10	6
124	79	72	73	48	46	45	29	43	40	33	40	46	37	15	1	2
91	63	76	101	123	121	107	70	120	113	96	105	137	109	89	61	22
87	63	72	141	224	220	155	160	197	232	181	161	205	222	231	261	201
94	86	123	203	317	334	265	263	286	287	302	172	233	237	285	385	340
236	201	165	207	248	154	130	151	222	208	260	135	145	190	259	256	207

TECHNOLOGY ANALYSIS



TREND ANALYSIS



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Extremely secure- Unlike, free search platforms that apply machine learning on your searches and/or result interactions, Explorer offers complete privacy for your researched ideas.



Simple keyword and semantic search options helps novice searchers make better search choices the first time itself and thereby reduce noise from their result.



Simultaneously search across patents and journals for comprehensive results, covering both keyword and semantic queries ensuring no relevant record is missed out.



Flexible Licensing - You don't have to pay for each user and the solution works on a simplified flat-fee model.



Explorer can be enabled company-wide within minutes. No complex integrations or user management needed

PATSEER EXPLORER



CLEAN AND SIMPLE UI

52872 Records Compact 10 Relevance Family

1. **SPACE NUCLEAR FUSION ROCKET (ENGINE) ENERGY SYSTEM OF KAZUTORA YOSHINO**
JP2018048555A ▲ YOSHINO KAZUTORA. 15-Jan-2018
Coverage JP
This invention relates to a spaceship which travels by injecting a jet. It is necessary to sufficiently secure a cross section (contact cross section area) of a D(deuterium) particle flux. That is, an ion gas is created of D2O, or a plasma is created of D2, a positive ion (D(deuterium) particle, (D+ ion)), and a negative ion (electron, (00-ion)) are separated from each other by using a magnetic field (and electrical field), high-density D(deuterium) particle flux beams are created by using D(deuterium) particles in a high magnetic field (and electrical field), and accelerated by an accelerator, and the D(deuterium) particle flux...
PDF Drawings Family Similar Records Share

2. **ECOLOGY SYSTEM APPLICATION**
JP2013221403A ▲ YOSHINO KAZUTORA. 12-Apr-2012
Coverage JP
PROBLEM TO BE SOLVED: To provide a system gentler for ecology by performing light collection/radio wave collection further excellent in energy efficiency.SOLUTION: An ecology smart system can easily observe and confirm a scanning position of a parabola mirror/a parabola antenna, and collects the light/energy/heat/radio wave in a target of a focus of a parabola, and stores energy in a battery, and utilizes the energy. In this case, the system generates a salt by turning seawater into pure water by utilizing energy/stored energy/heat energy/atomic nucleus energy/natural energy-potential as an option. A ship and a submarine travel while manufacturing the pure...
PDF Drawings Family Similar Records Share

3. **HYBRID-ELECTRIC JET ENGINE**
IN20184100953A ▲ CHAKRALA SRINIVASA RAO [DOOR NO 40 25 32/1 MOSQUE STREET PATAMATA LANKA VIJAYAWADA AP PIN 520010 ANDHRA PRADESH INDIA . IN, 520010]
09-Jan-2018
Coverage IN
A Hybrid electric jet engine which comprises air breathing and non air breathing hybrid electrical jet engine uses in air and space crafts. It can run with electricity, aviation fuel, bio fuel, and hydrogen fuel etc. figure-1 refers to 1 is a turbo jet engine. Its 5 combustion chamber inside consists of 7 + and 8 - terminals. 9 is a aviation or bio fuel nozzle and 9 S is a spark plug. 10 and 11 are the hydrogen and oxygen nozzles. The electricity supplied to the engine from 18 rechargeable batteries. 4 electric generator, 22 solar cells and 13...
PDF Drawings Family Similar Records Share

4. **DELTOID MAIN WING AERODYNAMIC CONFIGURATIONS**
US2010163610A1 ▼ DIZDAREVIC FARUK, DIZDAREVIC MITHAD. 31-Dec-2008



Easy-to-use keyword and powerful semantic search helps you get the most relevant patents with ease

CAPABILITIES



Intelligent Platform

- AI-powered semantic search engine
- Guided search filters out irrelevant concepts from search and helps in reducing noise from the results



Coverage

- Efficiently search 165M+ patents and 200M+ scientific literature with user-friendly tools
- Searches, whether keyword or semantic can run across both the collections



Analysis

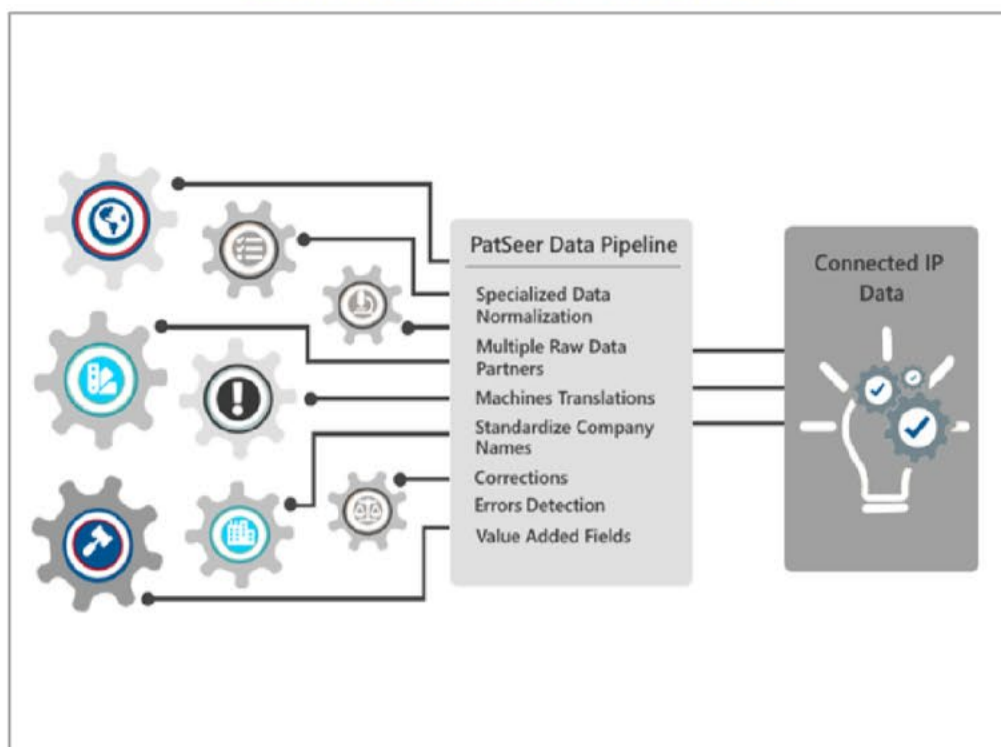
- Explore hidden technologies within the patent data using the Topics explorer
- Easily generate charts on patenting trends, companies, technologies and inventors



Ease-of-use

- One-click PDF View with direct-links that can be shared
- Easily download machine translated copies of the full-text
- Powerful filtering options to narrow down into the records of interest within a larger dataset

CONNECTED DATA POINTS



FACETED NAVIGATION

PATSEER engine

jet engine x Patents

Clear 4 Result Quick Stats

0 Type 47648 Records Compact 10 Reference 1 Family

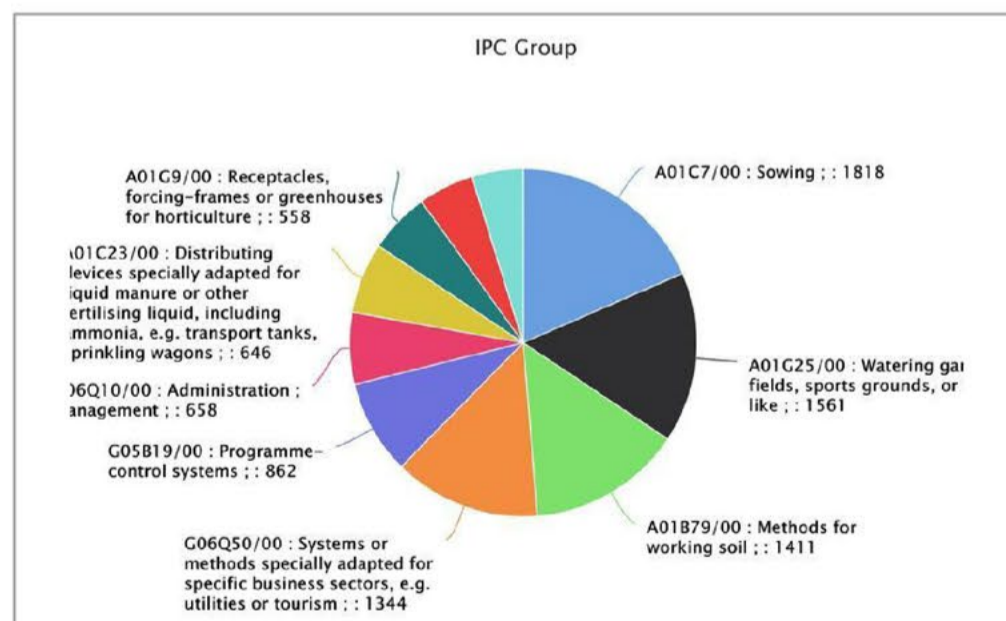
ACUATION (2064)
INT (2718)
ANTIC-UTILITY MODEL (254)
HR (27)
UTILITY MODEL APPLICATION (4)
ISSUED PATENT (5)
SIGN-PATENT (2)

1. **Improvements in jet propulsion power plants**
G01102371A BRISTOL SIDDELEY ENGINES LTD 12-Dec-1963
Coverage: US, GB
1,102,571. Jet propulsion plant: gas turbine jet engines. BRISTOL SIDDELEY ENGINES LTD, Dec. 11, 1964 (Dec. 12, 1963), No. 49147/63. Headings: F15 and F11. An aircraft jet propulsion power plant comprises at least two jet propulsion engines suitable for operation respectively at progressively higher ranges of supersonic flight speeds, there being a separate nozzle for the exhaust of each engine, and a trough structure into one end of which the nozzles discharge, that end of the trough being otherwise closed and the other end open. The nozzle of the lowest flight speed engine is disposed adjacent the base of the trough. [View](#) [Drawings](#) [Similar Records](#)

2. **GEAR DETERMINING THRUST AND COMPONENTS OF THRUST VECTOR OF ELECTRIC JET ENGINE AND PROCESS OF ITS TESTING**
RAC202773C2 FEDERALMOE EQUIP. ROSSISADDO ANAR KOSM AGENTSI 09-Jan-2001
Coverage: RU
FIELD: ground testing of space technology, namely of various types of electric jet engines and propulsion systems based on them. SUBSTANCE: gear includes thrust-measuring facility that carries rocker 1 placed horizontally and suspended from springy bar 2. Tested electric jet engine 7 is placed on one end of rocker. The other end of rocker carries equalizing mass 3 and reading device 8 that records torque, cables 9 and 10 supplying electric energy and pipe-lines 11 and 12 leading working medium to electric jet engine. Gear is supplemented with rotary mechanism to rotate tested electric jet engine around its longitudinal geometric axis. [View](#) [Drawings](#) [Similar Records](#)

3. **Liquid hydrogen, liquid oxygen, liquid fuel, oxidant / plutonium insulation tiles, heat and cold insulation protection gaeppliro, strain relief pads, air conditioning.**
K020060079025A KIM KI (KR) 02-Sep-2005
Coverage: KR
1. liquid hydrogen, liquid oxygen, liquid hydrogen fuel and liquid oxidizer, liquid oxygen, liquid fuel + oxidizer for solid fuel booster dose adjustment and plutonium, and various liquid / solid fuel metering, heat and cold insulation tiles, insulation, strain relief protection gaeppliro pad. Air Conditioning - aluminum layer insulation protection, air conditioning, jet engine thrust / propulsion, jet engine nozzles and vertical take-off and landing, the jump jet, three-dimensional everywhere angular directions, vertical and horizontal, zigzag flight, thrust, takeoff, landing, lift, drag controlled, static, wings, flaps, wing air conditioning system, the best picture, best minus, thermostatic bimetal thermostats three-dimensional radar. [View](#) [Drawings](#) [Similar Records](#)

ONE CLICK CHARTS



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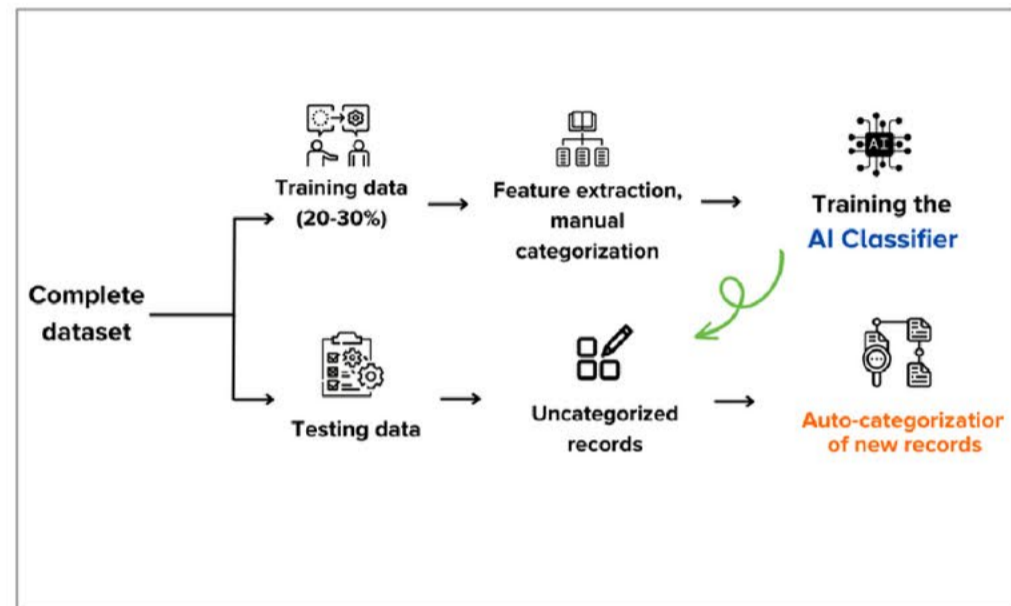
AI CLASSIFIER

Simplify patent categorization based on the work already done

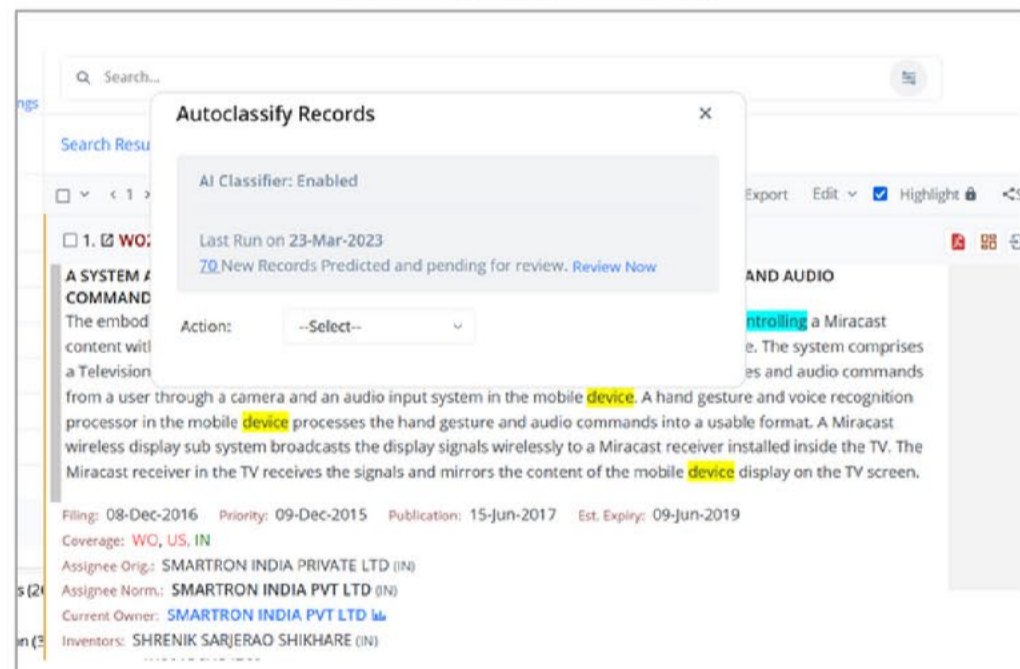
WHY CHOOSE AI CLASSIFIER?

- Save time over manual categorization
- No need to depend on subject matter experts
- More precise than IPC and CPC classes for bucketing
- Generate patent landscapes based on your taxonomy
- Proven accuracy (>95%) on two patent gold-standard datasets
- Leverage a trained classifier to given predictions for multiple projects
- Uses a transformer based LLM model to understand the context of each record
- Also available as an API to be integrated into your IPKM or IPM tools

AI CLASSIFIER



CLASSIFIER STATUS



Make patent and scientific literature categorization less cumbersome



Let the AI Classifier do the heavy lifting for you!



- Select 20-30% of the total patents for manual categorization (training dataset)
- Training dataset can have multi-label, singular and/or multi-level hierarchies
- More training data gives higher prediction accuracy
- Run a readiness check on the input data
- Select a prediction threshold cutoff value - category predictions whose score falls below the cutoff are not assigned to the record
- Run the AI Classifier and it created a training model based on the input data set you provide
- It will then place uncategorized records into their predicted categories
- Operates in 2 modes: Automatic and Moderation
 - Automatic mode: Assigns categories automatically
 - Moderation mode: Allows reviewing of record predictions
- Receive prediction performance stats with complete details on email at the end of the classification process

PREDICTIONO STATs

Fw: AI Classifier Activity Report for Project 'Hydrochloric acid_for autocat'

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Shrutika,

AI Classifier ran prediction over 1380 records for your project 'Hydrochloric acid_for autocat'.

Out of these predictions were generated for 1116 records and they are available for your review. You can review and accept the prediction.

Here is the Category vs Prediction Score table for your reference:

Prediction Score >> Category Name	30-40	40-50	50-60	60-70	70-80	80-90	90-100
Gas treatment ->Waste gas	0	0	0	158	185	168	38
Cooling water	0	0	0	14	14	29	176
Gas treatment	0	0	0	39	16	21	41
Acid mist	0	0	0	0	0	2	25

Note: You can also manually categorise any unclassified record and help train the AI Classifier to do a better job next time! (For this to review and manually categorize them)

For questions or concerns about the process, send us an email at Support

Please do not reply to this email. Replies to this id are not monitored or answered.

Best,
PatSeer Team

AUTOCLASSIFY UI

The screenshot shows the 'Autoclassify Records' interface. On the left, there are search results for 'WO2017098525'. The main panel shows settings for the AI Classifier, which is currently 'Not Enabled'. The 'Autoclassifier type' is set to 'Automatic - AI Classifier' and 'Categories to predict on' is 'Gaming Application'. A green button indicates 'Readiness Check passed'. Below this, there are options for 'AI Classifier Mode' (Automatic selected) and a 'Prediction Cutoff Threshold' set to 50. A 'Rerun' button is also visible.

REVIEW PREDICTED CATEGORIES

The screenshot displays a patent record for 'KR20150032028A'. The title is 'Three dimensional space-touch screen apparatus and method using the same'. The abstract describes a 3D space-touch screen device using a transparent image sensor. The 'First Claim' section is visible, along with a 'Skip' button. At the bottom, there are fields for 'Inventors: SHRENIK SARKHEKAR SHIKHARE (IN)', 'Priority No.: IN2015CHE4768 (09-Dec-2015)', 'IPC: H04W4/00, G06F3/00', and 'CPC: G06F3/167, G06F3/1454, G06F2203/0383, G09G2370/16, G06F3/0304, G06F3/017, H04N21/436'.



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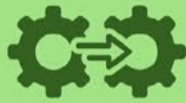
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One-stop collaboration and sharing platform for patent and scientific literature.

WHY CHOOSE PROJECTS?



Manage all your ongoing IP projects in a single centralized web-based solution. integrate IP and scientific data from different sources.



No more data obsolescence issues associated with static files – all dynamic pieces of information such as family, citations, legal status are automatically kept updated



Leverage a powerful set of analysis and workflow tools to help your team make informed decisions faster from the data.



Track project progress, set goals and create workflows for ongoing tasks to get the work done

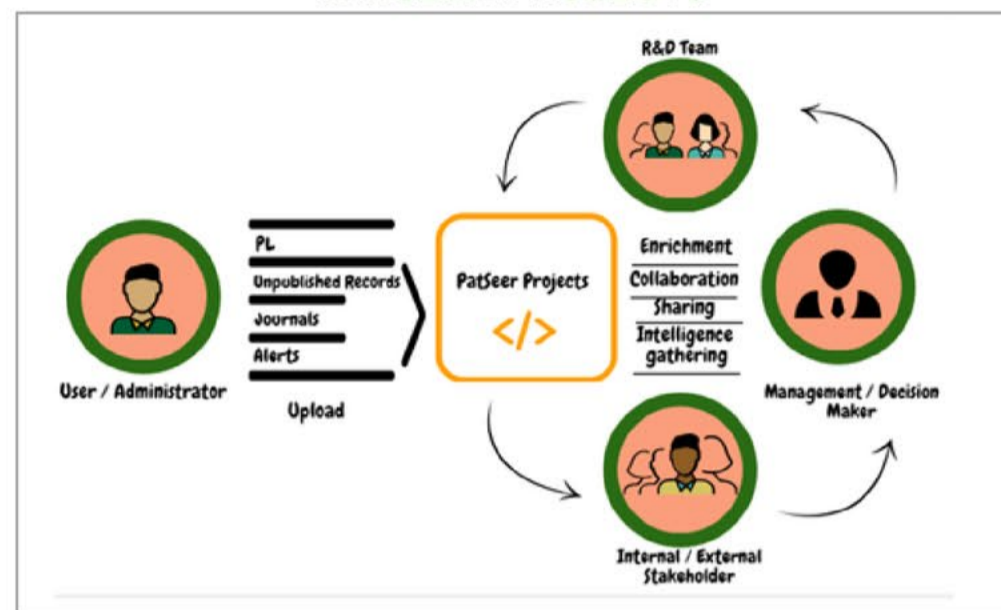


Simplified collaboration and distribution of work without loss of control



Automated workflows eliminate need for any manual intervention in keeping your competitive intelligence datasets updated

PATSEER PROJECTS



PATENT DASHLETS

PATENT NUMBER	ABSTRACT	PUBLICATION	FILING DATE	EARLY PUBLIC DA
1. WO2021219763A1 IONIC LIQUID AS AN ANTIPERSPIRANT	Abstract: The invention relates to an aluminium salt-free, antiperspirant, deodorant, cosmetic and/or dermatological composition comprising at least one antiperspirant active substance, the antiperspirant active substance being selected from the group of ionic liquids.	04-Nov-2021	28-Apr-2021	04-Nov
2. CN109310891B Crosslinked polyorganosiloxanes and	Abstract: A crosslinked polyorganosiloxane obtained by radical-initiated polyaddition of a polymerizable polyorganosiloxane containing at least two radically	02-Nov-2021	06-Jun-2017	07-Dec

CAPABILITIES



Integrate information from multiple sources

- A wide range of PL and NPL sources are supported
- All imported data and additional metadata is automatically indexed for searching and analysis



Add organizational context to your datasets

- Create your organizational taxonomy, import your custom metadata and make your analysis more business relevant.
- Generate multi-dimensional charts and heatmap tables with ease using all the custom metadata.



Collaboration and Security

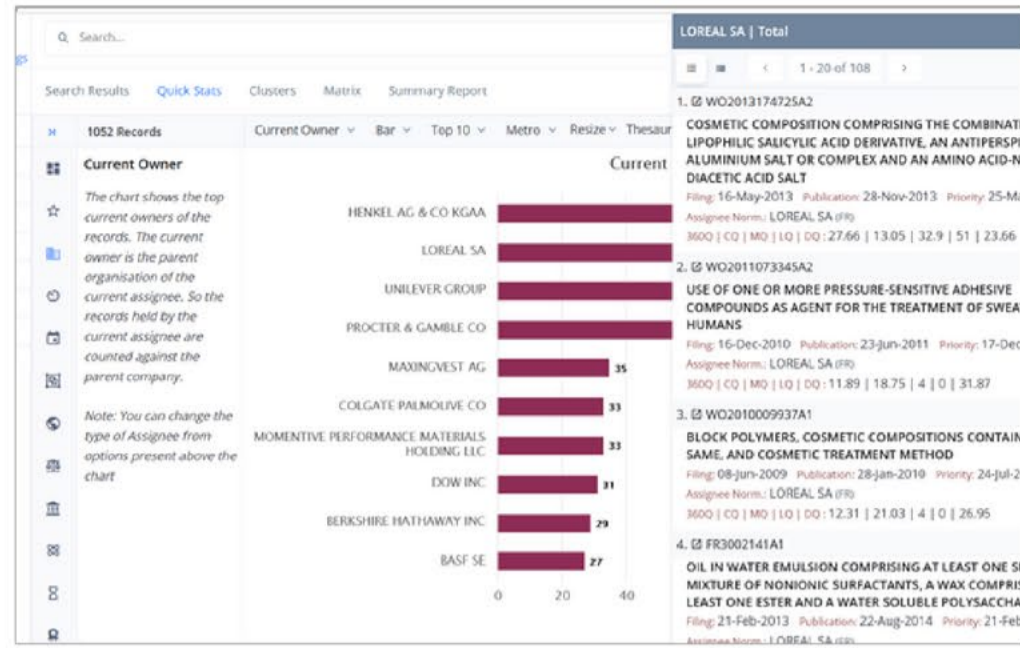
- Share platform and not just data!
- Control what the other person can view and how they can interact with the project data.



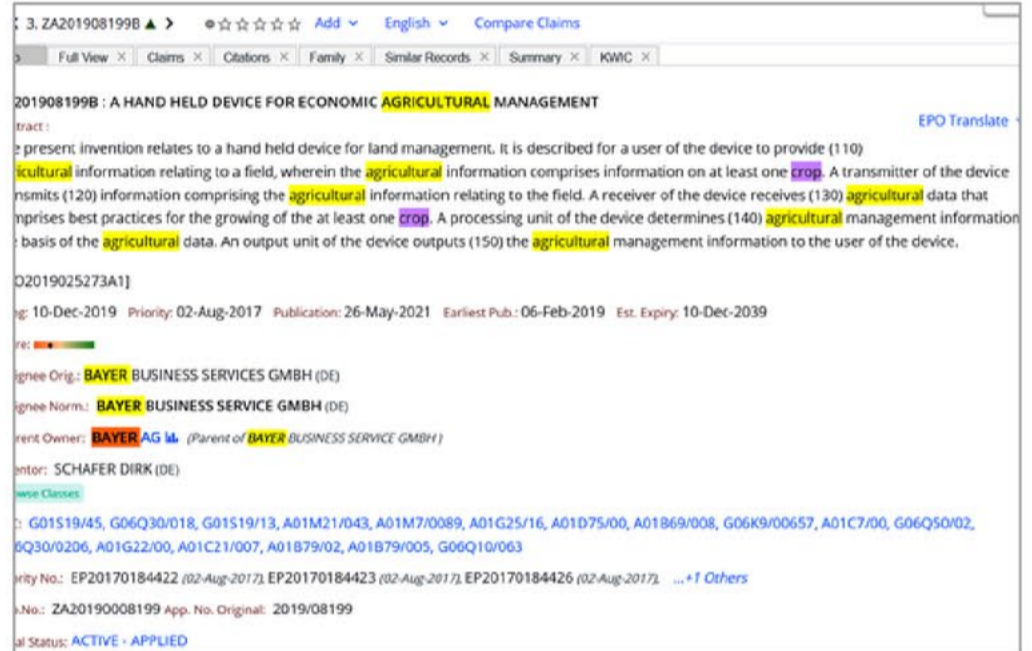
Patent Dashlets

- Create and share multiple interactive dashboards for different teams. (E.g. legal, marketing).
- Each dashboard can combine varying set of fields relevant to a team.

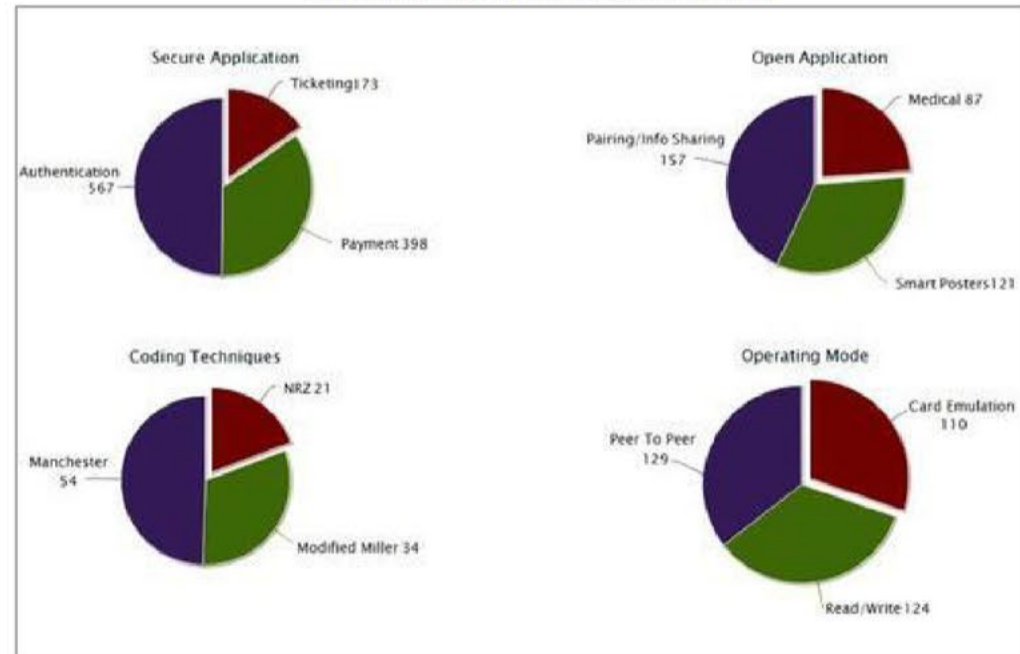
REVIEW AND ANALYSE



KEYWORD HIGHLIGHTING



CONTEXTUAL INSIGHTS



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