

# CAS NEWTON<sup>SM</sup> FOR CAS IP FINDER<sup>TM</sup> – YOUR AI ASSISTANT FOR IP

Webinar 21 May 2026



# CAS Newton for CAS IP Finder

Find exactly what matters, faster

CAS Newton transforms patent and IP searching with intuitive, conversational AI that understands your intent and delivers relevant insights.

- Precision search using natural language
- AI-driven suggestions for relevant content
- Smarter search strategies and next-step guidance
- Reliable, relevant results with lower risk of inaccurate information

find patents on sodium ion batteries from the past two years

What databases would support research on microplastics detection and removal in wastewater treatment systems?

Search for compounds being repurposed to treat multidrug-resistant TB.

Identify the leading organizations patenting aquatic pesticides in the last 5 years.

Excellent! I found 10,259 patents on sodium ion batteries from 2024-2026. Let me display a sample of recent results to show you what's available:

D L1 1-10 TI AB PA P1 PY

High-voltage sodium ion battery cathode materials

- Polyoxon cathode materials (sodium iron phosphate variants)
- High-entropy layered oxide materials

**3. Electrolytes** - Novel electrolyte additives and formulations to improve:

- Low-temperature cycle stability
- Safety performance
- Sodium dendrite reduction

**4. Structural Modifications** - Element doping strategies (Zr, Mg, Ti, Sn, Cu, Li, Zn, V, Mn, etc.) to improve:

- Cycle stability
- Structural stability during charge-discharge
- Energy density

**Major Patent Assignees (from sample):**

- Chinese companies dominate recent filings: Naanhuang, ASE, Hunan Changqium LiCo, SEM Co.
- Academic institutions: Gullin University of Technology, Huoshong University of Science and Technology
- Russian research institutes

Would you like me to:

1. Analyze patent trends (top assignees, publication years, technology areas)?
2. Narrow the search to specific aspects (anode materials, cathode materials, electrolytes, specific companies)?
3. Search additional patent databases (INPADOC, USPTO) for broader coverage?
4. Display more results with specific fields of interest?

# Where to access CAS Newton in IP Finder?

It is hard to miss it from the query builder home page

CAS IP Finder powered by STN

Hello, Paul

Keyword Search Structure Search Exploratory Search

Get started faster with CAS Newton<sup>SM</sup>

Our new AI chat experience helps you uncover insights quicker. [Learn more.](#)

Ask CAS Newton

Select Database None selected

Basic Index Enter search term here

Add Field Reset

# Where to access CAS Newton for IP Finder?

From the command line home page

The screenshot displays the CAS IP Finder interface. At the top left, the CAS logo and 'IP Finder powered by STN' are visible. The top right shows navigation options: 'Help', 'My Files', and a user profile for 'Paul P Peters'. The main content area is titled 'Transcript ON 2026\_0246\_Transcript' and shows a terminal window with the following text:

```
File HOME  
  
All access and use of STN (the "Product") is subject to the applicable Product Terms of Use at www.cas.org/legal. The Product may be used by Named Users solely for private, internal scientific research related to Licensee's business. It is your obligation to review the Product Terms of Use "Prohibited Uses" list. If your organization has a separate Product agreement with CAS, then the terms of that agreement shall supersede the Terms of Use at www.cas.org/legal to the extent they conflict.  
  
STN is updated frequently. See the latest Release Notes:https://cas-ipfinder.zendesk.com/hc/en-us/categories/34755654062477-What-s-New-in-IP-Finder  
  
Find instructor-led and self-directed training opportunities:http://www.cas.org/support/training/stn  
  
CAS IP Finder, powered by STN, will be unavailable on Saturday, June 06, 2026 from 17:00 hours (5:00 PM) to 01:00 hour (1:00 AM) Sunday (U.S. Eastern Time).  
  
* * * * * STN Columbus * * * * *  
  
FILE 'HOME' ENTERED AT 10:45:53 ON 21 MAY 2026  
  
=>
```

At the bottom of the terminal window, there is a prompt '=> enter command' and a 'Submit' button. On the right side of the interface, there is a 'Session' panel showing 'Entered HOME 10:45:53 ON 21 MAY 2026'. Below this, a 'CAS Newton' advertisement is displayed, featuring the text 'Get started faster with CAS Newton<sup>SM</sup>' and 'Our new AI chat experience helps you uncover insights quicker. [Learn more.](#)' A red box highlights the 'Ask CAS Newton' button.

# What are good use cases for CAS Newton?

Approach for IP Finder is different than CAS Newton in SciFinder

- CAS Newton in IP Finder is not designed to take over the task of searching, but to help you get better at navigating the content and search options in CAS IP Finder
- Identify useful databases in CAS IP Finder
- Navigate the search fields and display formats available
- Work out an effective search strategies
- The LLM is trained on the database documentation and a growing collection of expert documentation sources

# What are areas for further improvement

Please provide your suggestions to our Customer Centers

- CAS Product team is working on a structure search option to be added to CAS Newton for CAS IP Finder
- Technical teams are working on additional search strategy recipes to train the LLM on specialized domains
  - CAS Formulations
  - CAS Bioactivity
  - Sequence searching
  - Detailed Legal Status queries

# Webinar Program: 7 use cases

Illustrating how CAS Newton for CAS IP Finder works today

- 1. Verify an unusual patent number
- 2. Find all family members to a specific WO application
- 3. Patents where the substance Dapsone is used as a catalyst
- 4. Which are common compounds known as PFAS
- 5. Develop a search hedge for a strategy on “vegan meat”
- 6. Numeric property search
- 7. Find emerging drug companies in Türkiye
- To save time demonstrating these examples live, they have been recorded in a video to avoid the response times

# Key finding from these examples

- Broad, ambiguous prompts will produce a best guess what your intent was
- CAS Newton will delete your search and select history at the start
- Use the STOP button to intervene the process and redirect CAS Newton
- CAS Newton can be queried in other languages than English
- An older project cannot be reactivated in another session
- Option to add a manual command on the STN command panel part
- Download the CAS Newton discussion and associate transcript
- Set up-front boundaries which databases should be used or avoided, favorite evaluation display formats, etc
- There is a maximum amount of text that CAS Newton can process

# Please join us for our coffee lecture: **NPS cases in CAS Newton** for CAS IP Finder

## CONTACT

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