



Patentcloud Quality Insights Annotation Report Shenzhen Smoore Technology Limited v. Solis Supply et al.

ITC -337-3571 (Pending Institution)

Focus on: U.S. Pat. No. 10,357,623

Filing date: Oct. 04, 2021

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Organized Prosecution and PTAB History

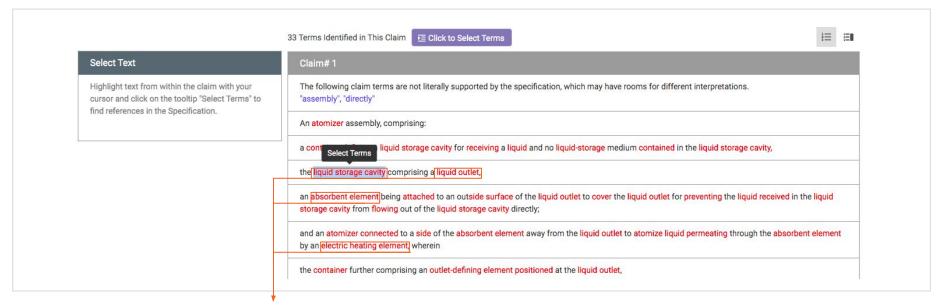
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Map claims to specification and file wrapper



Map claims to specification - '623

Which claim terms are or are not in the specification?



Claim Analysis finds these terms in the spec:
"liquid storage cavity", "liquid outlet", "absorbent element", "electric heating element," as well as other terms that are highlighted in red.

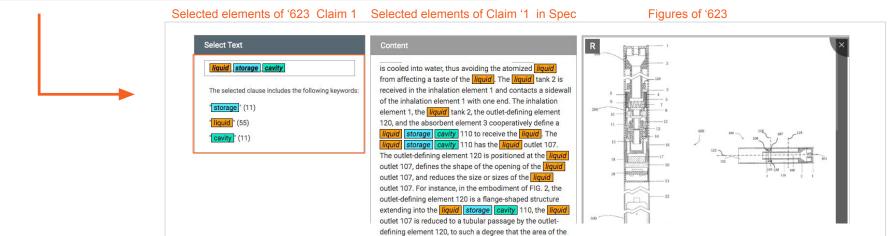


Map claims to specification - '623

Which claim terms are or are not in the specification?



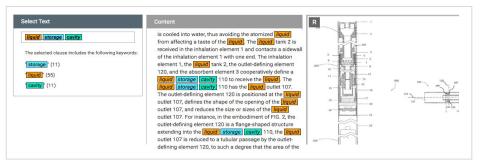
Review the selected claim element and see how it is defined in the patent specification and related figures.





Map claims to specification and Complaint - '623

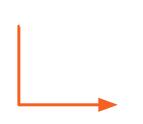
Does the allegedly infringing product element fall within or outside the patent's scope?

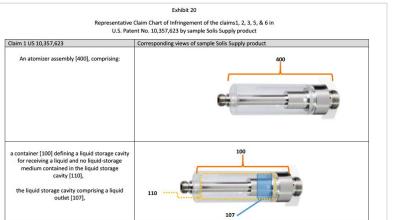


With the claim scope interpretation from *Claim Analysis*, verify your findings against the complaint.

Answer the question:

Does the alleged Invention element fall within or outside the patent's scope?



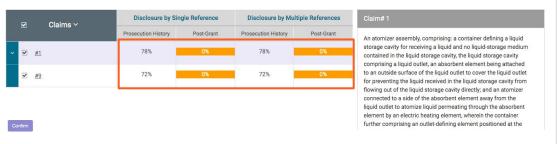




Map claims to the file wrapper - '623

Which claim terms are in the file wrapper(i.e. examiner's opinion)?

Disclosure Rate by Prior Art



From *Claim Insights*, review how the asserted claims were disclosed by the prior art found by the examiner during prosecution and post-grant proceedings.

A higher percentage means more claim elements were disclosed by the prior art.



Source: Quality Insights



Map claims terms to the file wrapper - '623

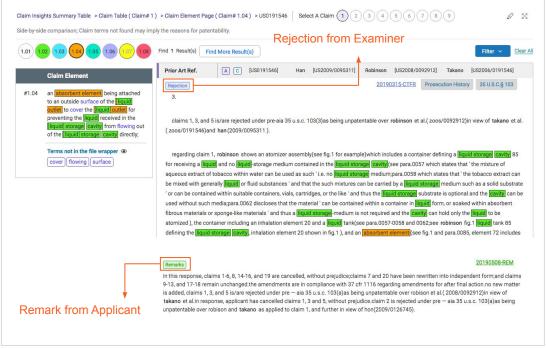
Why was this patent granted? Which claims were amended and how did the scope change?



All of the limitations of this asserted claim element in '623 were 62% known by (US0191546), Han(US2009/0095311), Robinson(US2008/0092912) and Takano(US2006/0191546).

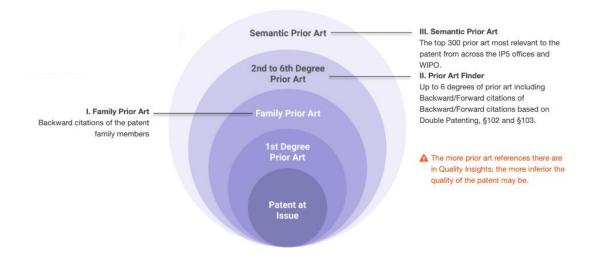
Answer the question:

Why was this patent granted?





How does Quality Insights generate prior art?



Prior Art Finder



Prior Art Finder for '623

Review cited and citing patents of '623 from the first to the sixth degree

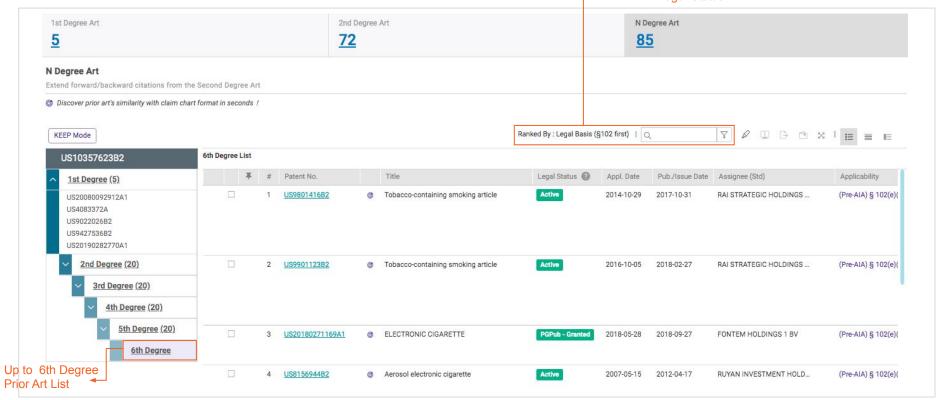
Filter by:

• Applicability

• Legal Basis (§102 or §103)

• Patent Office

• Legal Status

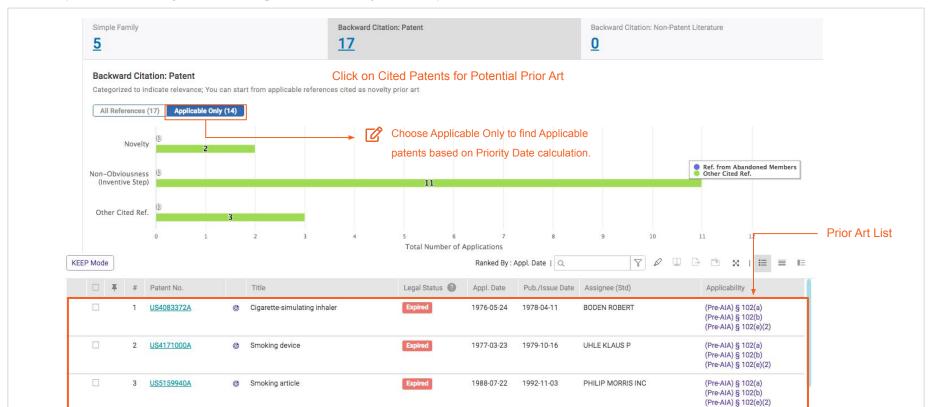


Family Prior Art



Family Prior Art of '623

Review prior art cited by and cited against the family counterparts when available

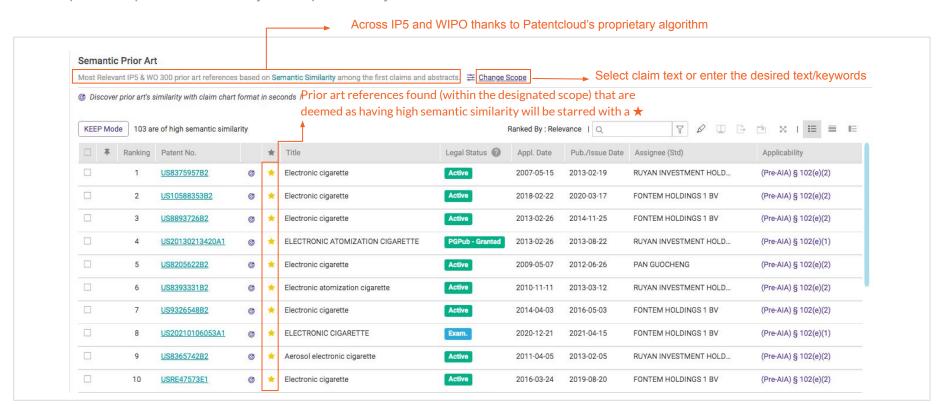


Semantic Prior Art



Semantic Prior Art of '623

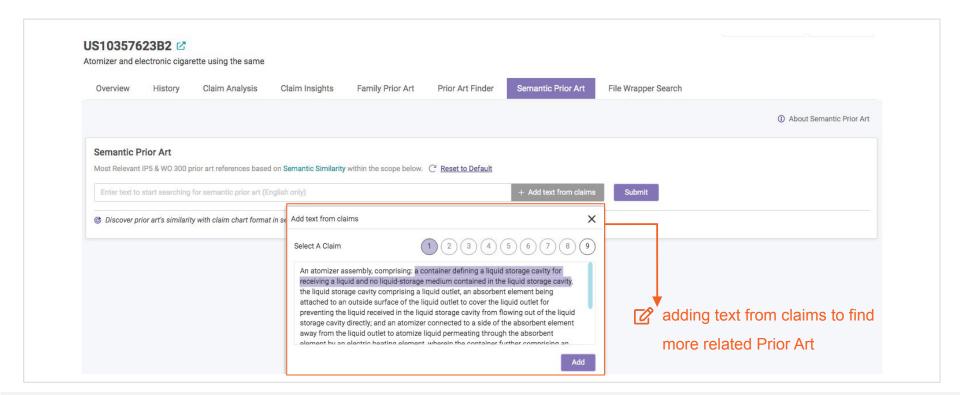
Review potential prior art ranked by concept similarity





Semantic Prior Art of '623

Review potential prior art ranked by concept similarity

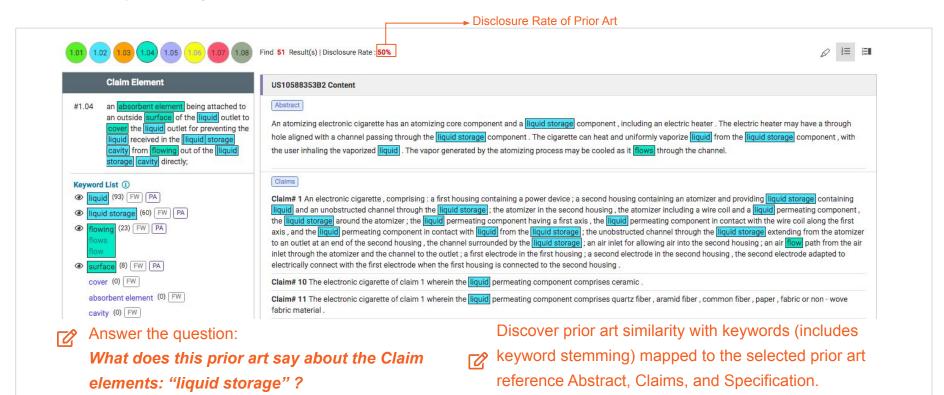


Comparison tools



Prior Art Comparison (claim chart format)

What does this prior art say about the critical elements?





Prior Art Comparison (sample output)

Easily generate a table like below

	Claim	Claim-Term Interpretation	Semantic Prior Art - '353	3rd Degree Citation Prior Art - B
	An atomizer assembly, comprising:	Refer to Claim Analysis results	N/A	
1	a container defining a liquid storage cavity for receiving a liquid and no liquid-storage medium contained in the liquid storage cavity,		33%	
	the liquid storage cavity comprising a liquid outlet,		33%	
	an absorbent element being attached to an outside surface of the liquid outlet to cover the liquid outlet for preventing the liquid received in the liquid storage cavity from flowing out of the liquid storage cavity directly;		50%	
	and an atomizer connected to a side of the absorbent element away from the liquid outlet to atomize liquid permeating through the absorbent element by an electric heating element, wherein		57%	
	the container further comprising an outlet-defining element positioned at the liquid outlet,		0%	
	and the absorbent element attached to an outside surface of the outlet-defining element and covering an opening of the liquid outlet for preventing the liquid received in the liquid storage cavity from flowing out of the liquid storage cavity directly;		40%	
	wherein the outlet-defining element defines a shape and reduces a size of the liquid outlet.		20%	

System-identified keywords and key phrases (highlighting of other keywords is available)

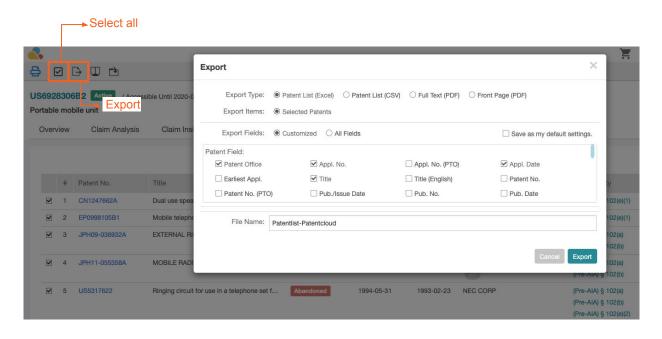
Results from claim to specification and file wrapper mapping

Results from prior art comparison by claim element

Prior Art downloads



Prior Art downloads





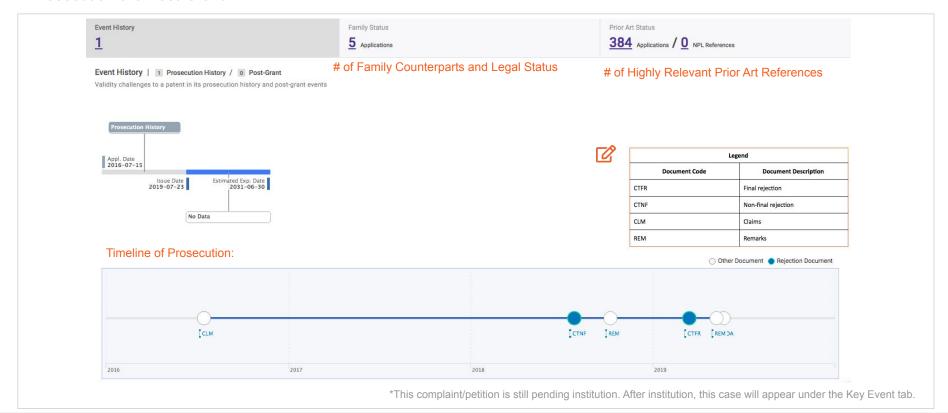
Download patent data in Excel or PDF format for Family Prior Art, Second Degree Prior Art, and/or Semantic Prior Art

Prosecution and PTAB History Key Events



Key Events - '623

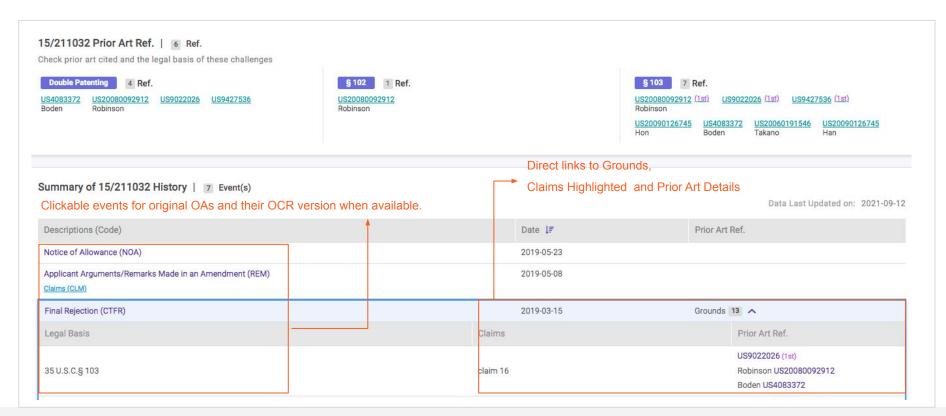
1 Prosecution & 0 Post-Grant*





Key Events - '623

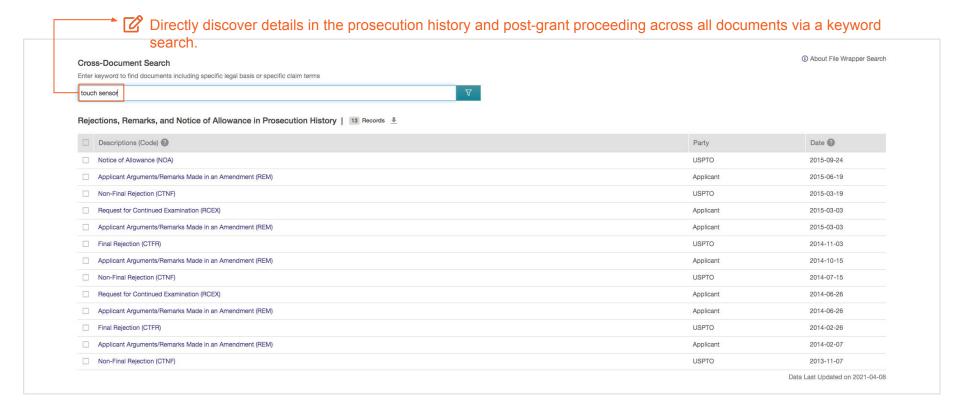
Prosecution History



Prosecution and PTAB History Search



Patent File Wrapper Search

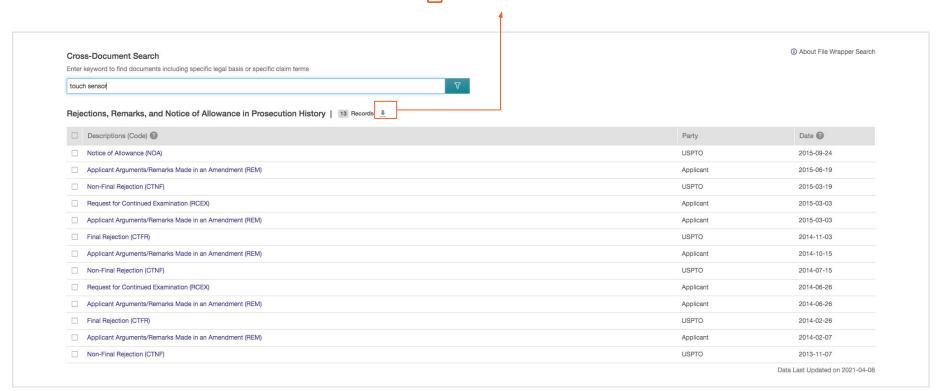


Prosecution and PTAB History PDF Downloads



PDF Downloads

Download the complete set or just part of the PDF files in the File Wrapper Search.



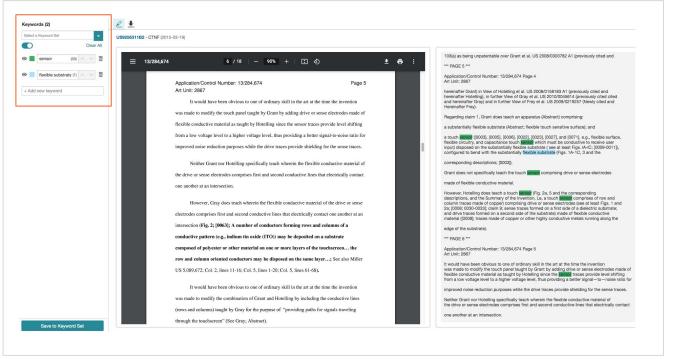
Prosecution and PTAB History Side-by-side PDF and OCR



Side by Side: PDF & OCR



Conduct a keyword search in a single document to identify the claim scope quickly and easily. You can even search additional claim terms within rejections.





QI is a Game Changer

- Take control of a patent at issue with its comprehensive Overview
- Discover claim construction issues and define the claim scope
- Find more relevant prior art references
- Save time to increase productivity for a pitch and win