Patentcloud Quality Insights Annotation Report

Elastic NV v. Guada Technologies LLC

PTAB-IPR2021-00875

Focus on: U.S. Pat. No. 7,231,379

Filing date: May 03, 2021

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Map claims to specification and file wrapper

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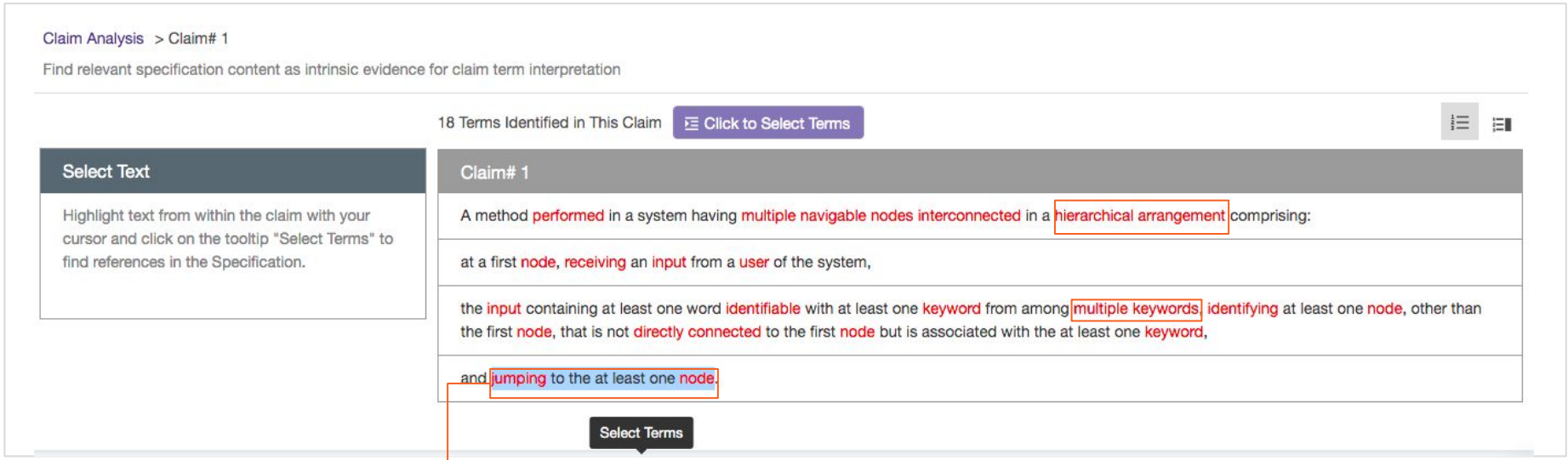
Map claims to specification - ‘379

Which claim terms are or are not in the specification?



Claim Analysis **finds** these terms in the spec: **“hierarchical arrangement”,** “**multiple keywords**”, ”**jumping**, &“**node**” *as well as other terms that are highlighted in red*

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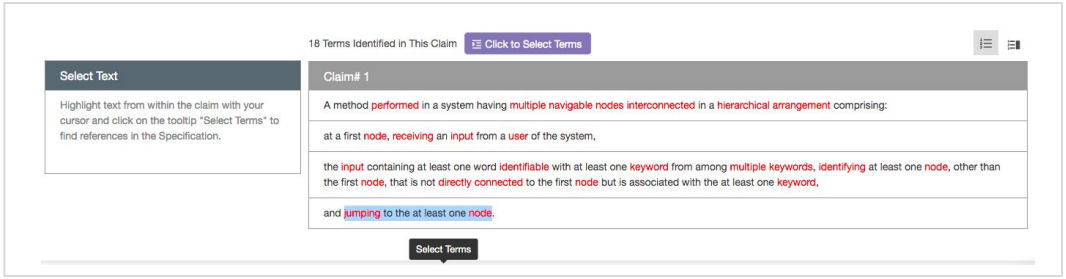
Map claims to specification - ‘379

Which claim terms are or are not in the specification?

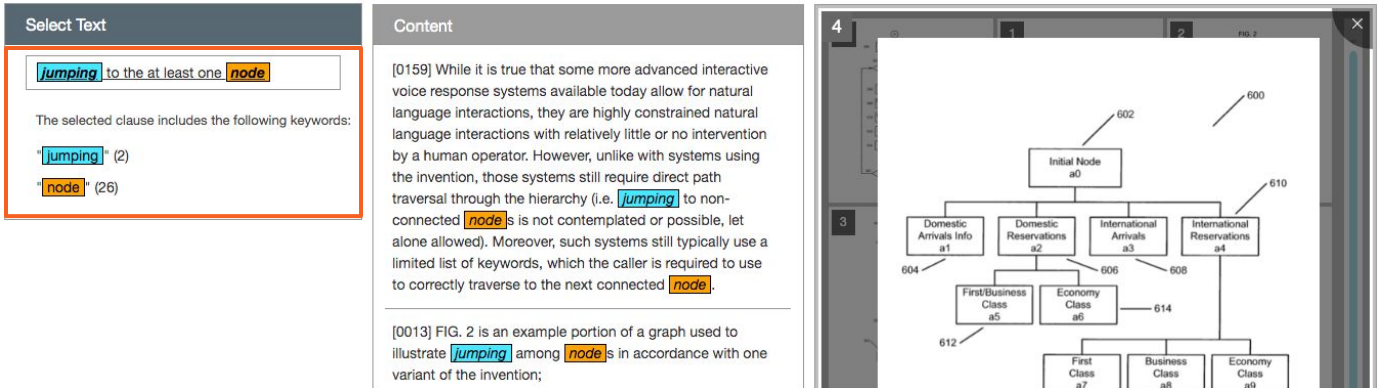


Review the selected claim element and see how it is defined in the patent specification and related figures.

Selected elements of ‘379 claim 1

Selected elements of Claim 1 in Spec

Figures of ‘379



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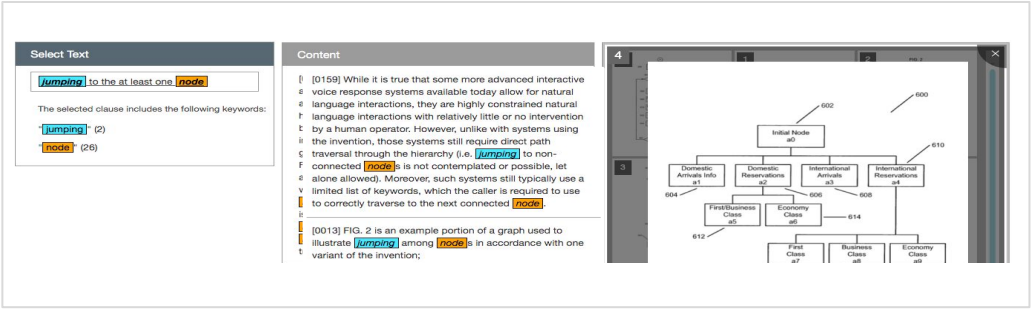
Map claims to specification - ‘379

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

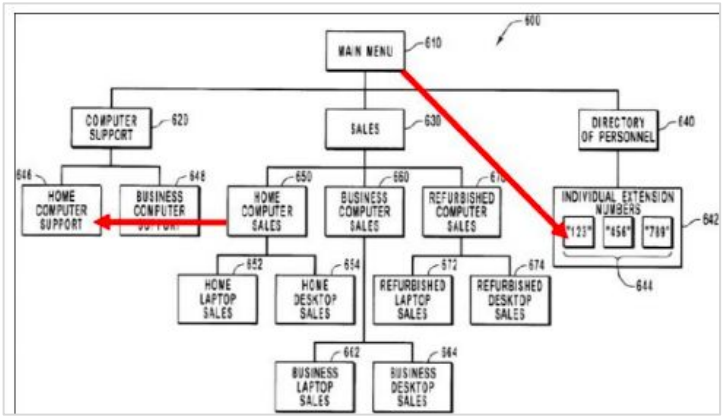


With the claim scope interpretation from Claim Analysis, verify your findings against the petition.

Answer the question:

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

recognize. EX1007 ¶51. Wesemann then “enables a user to jump from one menu state to another menu state without having to enter input for every ‘in between’ menu state.” *Id.* Just like the ’379 patent, Wesemann matches the users’ spoken keywords with the menu prompt of the appropriate menu state. EX1007 ¶51. So, although Wesemann can involve a transition across multiple connected nodes, it additionally describes a jump directly from one node to another. EX1007 ¶51.



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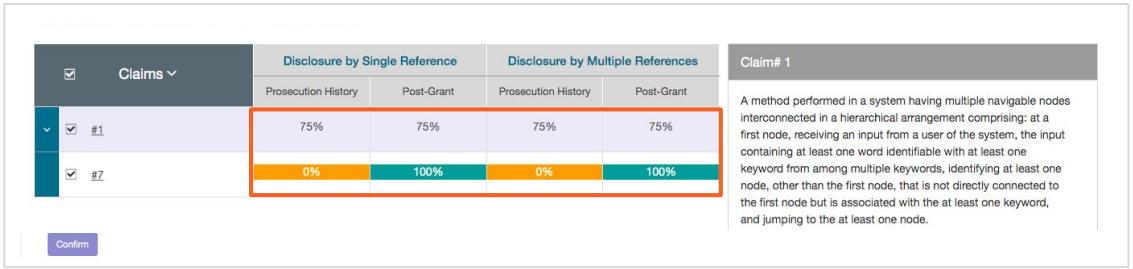
Map claims to the file wrapper - ‘379

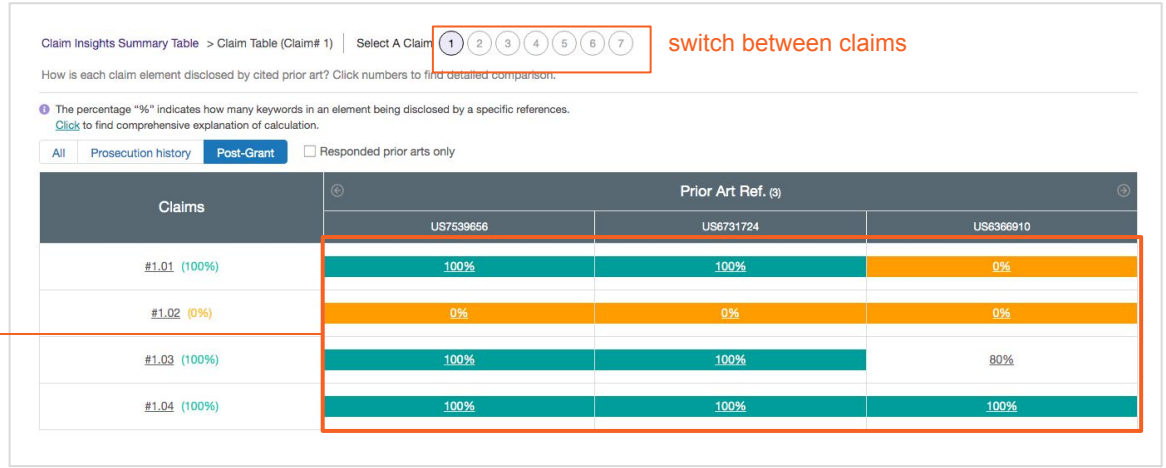
Which claim terms are in the file wrapper(i.e. examiner’s opinion) ?

Disclosure Rate by Prior Art



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.



Disclosure Rate by Prior Art

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Map claims terms to the file wrapper - ‘379

How was this patent challenged during Prosecution & IPR?

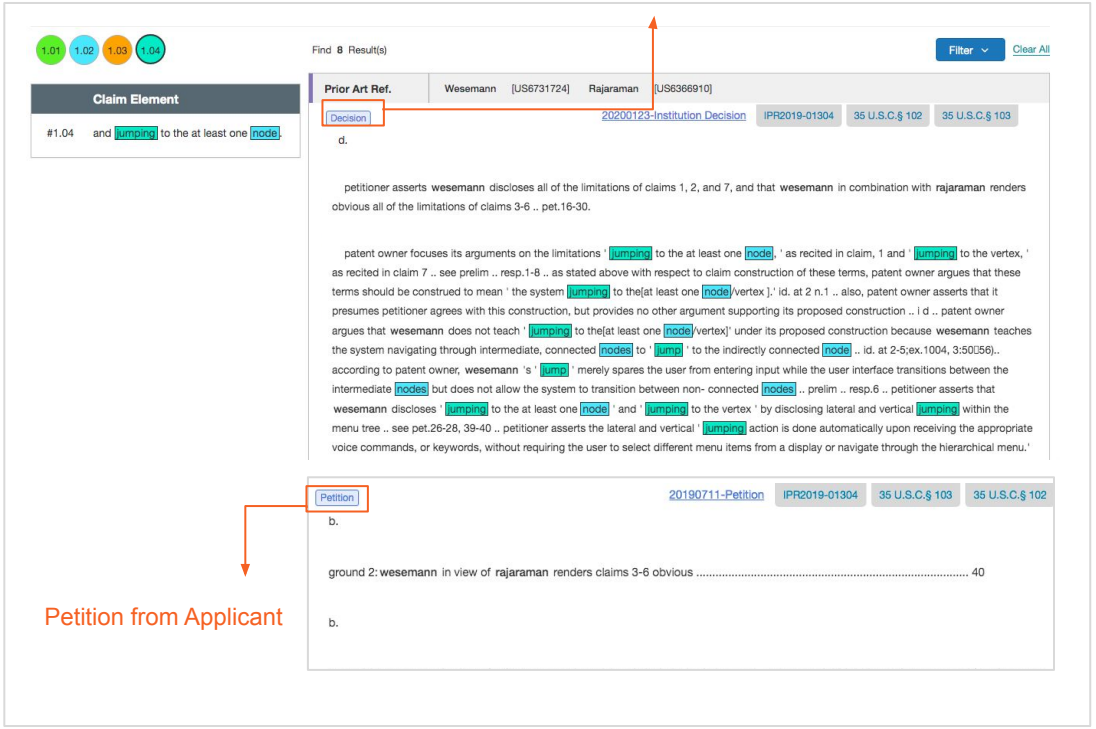
Claims	Prior Art Ref.	
	US7539656	US6731724
#1.01 (100%)	100%	100%
#1.02 (0%)	0%	0%
#1.03 (100%)	100%	100%
#1.04 (100%)	100%	100%

All of the limitations of this asserted claim element in ‘379 were 100% known by Wesemann (US6731724) & Rajaraman (US6366910).

Answer the questions:

How was this patent challenged during IPR?

Decision from examiner



Petition from Applicant

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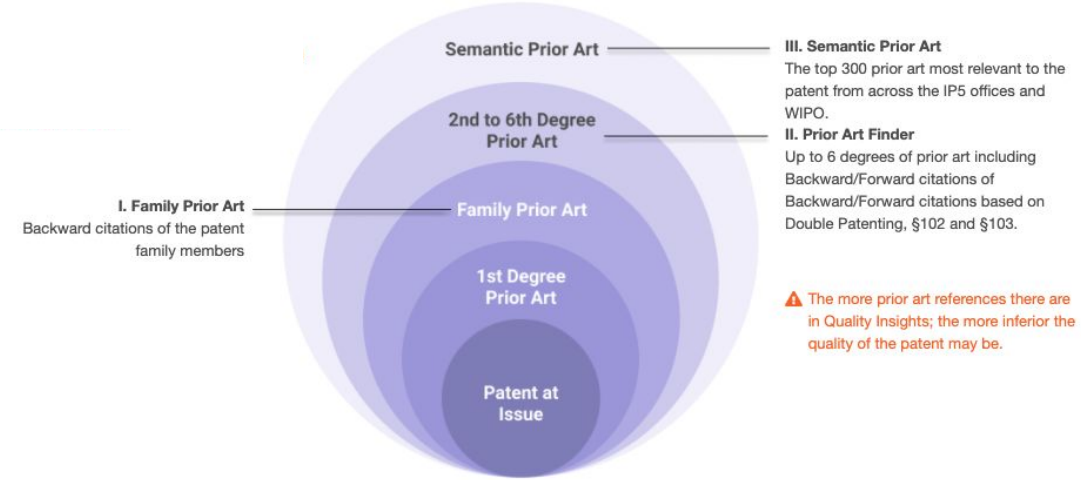
How does Quality Insights generate prior art?



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Semantic Prior Art

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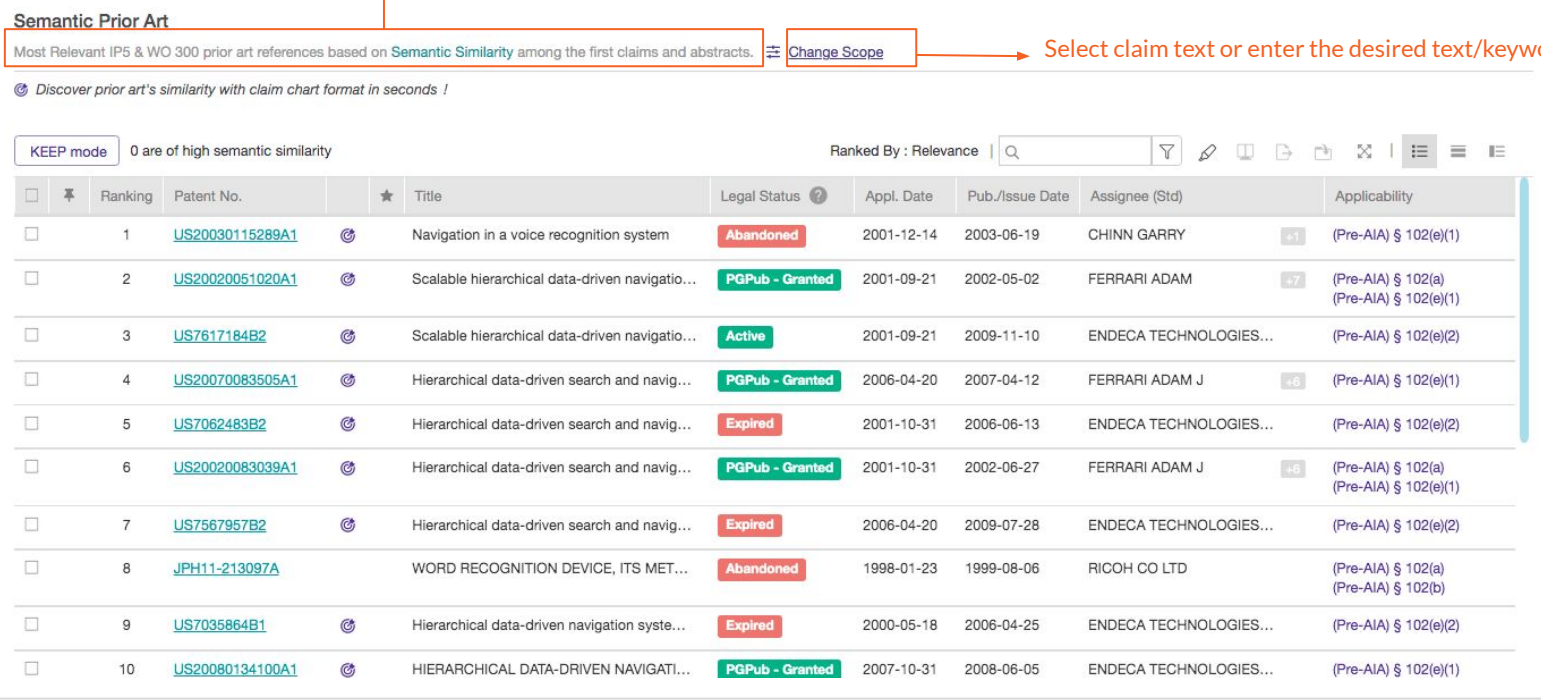
Semantic Prior Art of ‘379

Review potential prior art ranked by concept similarity

Across IP5 and WIPO thanks to Patentcloud’s proprietary algorithm

Select claim text or enter the desired text/keywords



Ranking	Patent No.	Title	Legal Status	Appl. Date	Pub./Issue Date	Assignee (Std)	Applicability
1	US20030115289A1	Navigation in a voice recognition system	Abandoned	2001-12-14	2003-06-19	CHINN GARRY +1	(Pre-AIA) § 102(e)(1)
2	US20020051020A1	Scalable hierarchical data-driven navigatio…	PGPub - Granted	2001-09-21	2002-05-02	FERRARI ADAM +7	(Pre-AIA) § 102(a) (Pre-AIA) § 102(e)(1)
3	US7617184B2	Scalable hierarchical data-driven navigatio…	Active	2001-09-21	2009-11-10	ENDECA TECHNOLOGIES…	(Pre-AIA) § 102(e)(2)
4	US20070083505A1	Hierarchical data-driven search and navig…	PGPub - Granted	2006-04-20	2007-04-12	FERRARI ADAM J +6	(Pre-AIA) § 102(e)(1)
5	US7062483B2	Hierarchical data-driven search and navig…	Expired	2001-10-31	2006-06-13	ENDECA TECHNOLOGIES…	(Pre-AIA) § 102(e)(2)
6	US20020083039A1	Hierarchical data-driven search and navig…	PGPub - Granted	2001-10-31	2002-06-27	FERRARI ADAM J +6	(Pre-AIA) § 102(a) (Pre-AIA) § 102(e)(1)
7	US7567957B2	Hierarchical data-driven search and navig…	Expired	2006-04-20	2009-07-28	ENDECA TECHNOLOGIES…	(Pre-AIA) § 102(e)(2)
8	JPH11-213097A	WORD RECOGNITION DEVICE, ITS MET…	Abandoned	1998-01-23	1999-08-06	RICOH CO LTD	(Pre-AIA) § 102(a) (Pre-AIA) § 102(b)
9	US7035864B1	Hierarchical data-driven navigation syste…	Expired	2000-05-18	2006-04-25	ENDECA TECHNOLOGIES…	(Pre-AIA) § 102(e)(2)
10	US20080134100A1	HIERARCHICAL DATA-DRIVEN NAVIGATI…	PGPub - Granted	2007-10-31	2008-06-05	ENDECA TECHNOLOGIES…	(Pre-AIA) § 102(e)(1)

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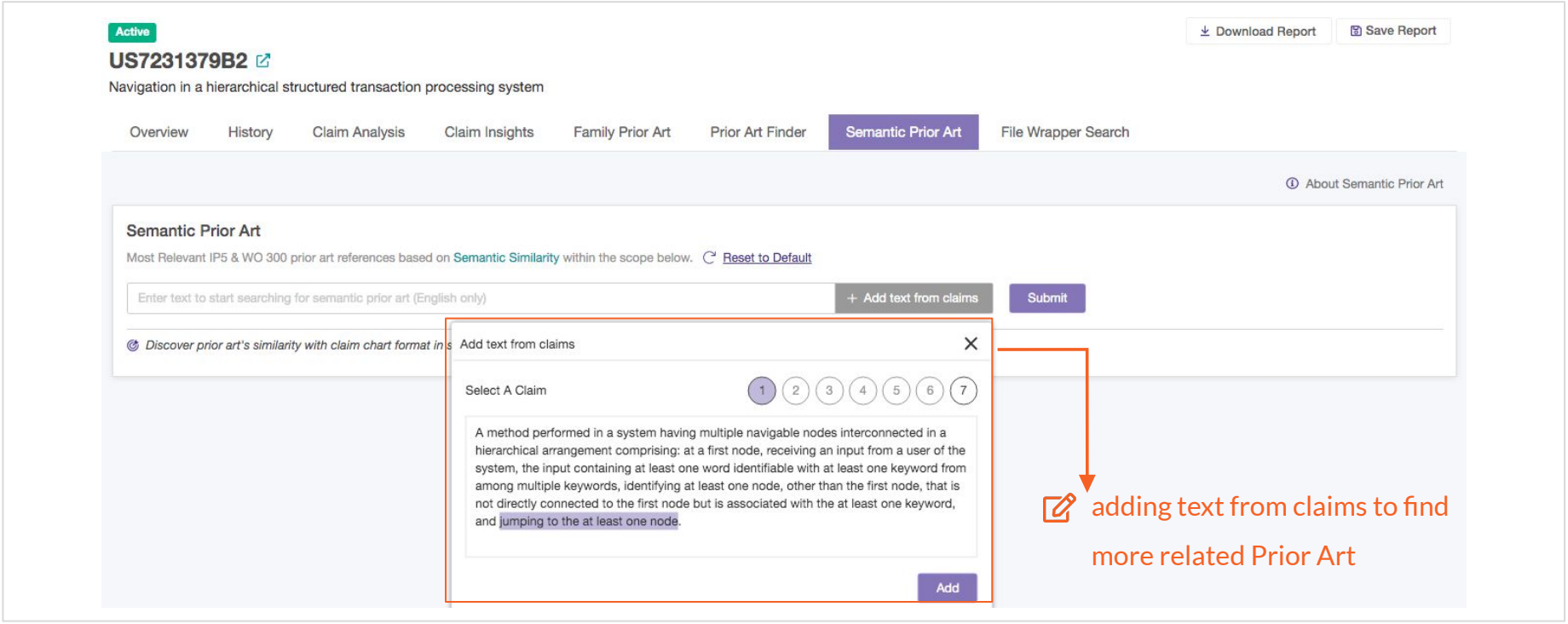
Semantic Prior Art of ‘379

Review potential prior art ranked by concept similarity



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Prior Art Finder

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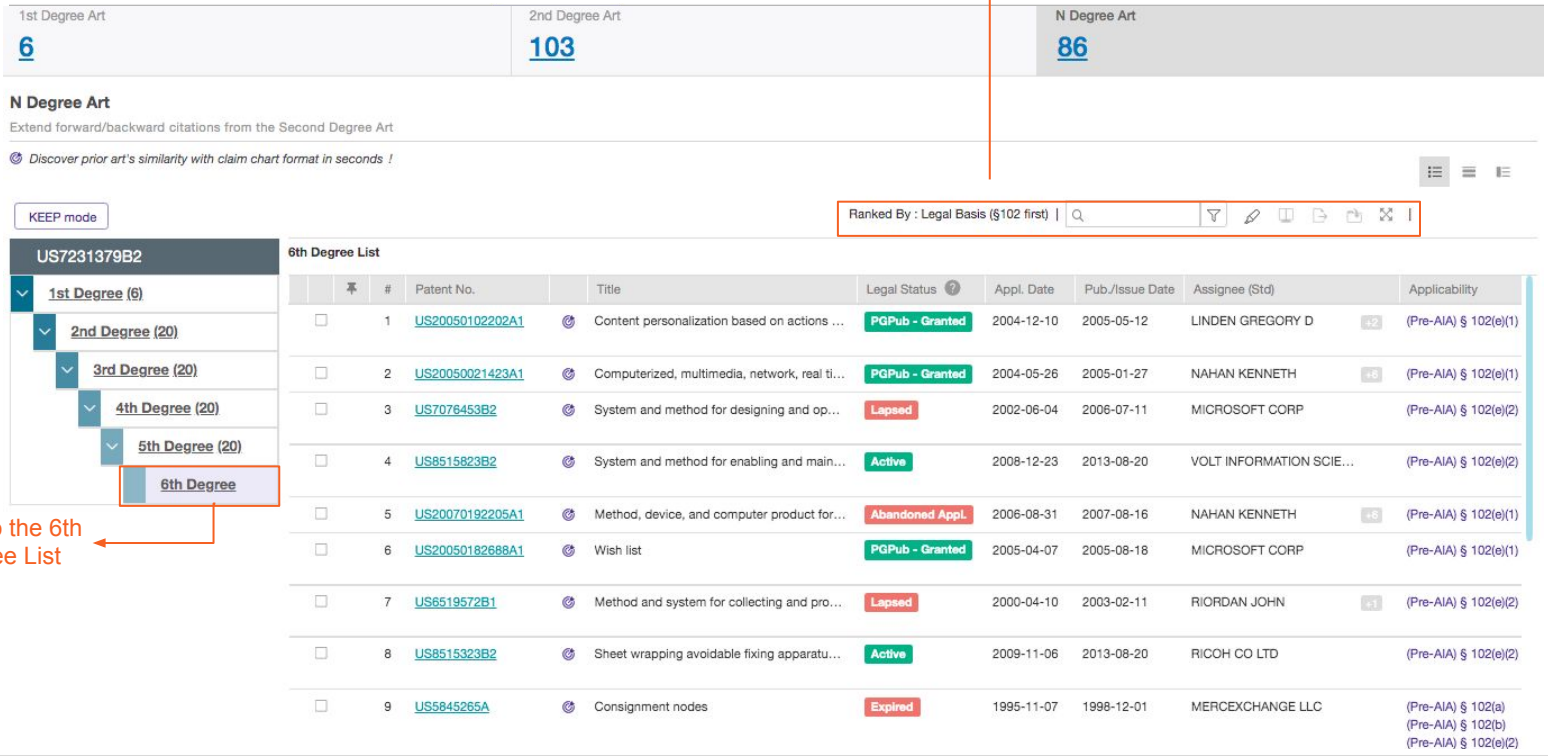
Prior Art Finder for ‘379

Review cited and citing patents of ‘379 from the first to the sixth degree

Filter by:
Applicability
Legal Basis (102 or 103)
Patent Office
Legal Status



#	Patent No.	Title	Legal Status	Appl. Date	Pub./Issue Date	Assignee (Std)	Applicability
1	US20050102202A1	Content personalization based on actions ...	PGPub - Granted	2004-12-10	2005-05-12	LINDEN GREGORY D +2	(Pre-AIA) § 102(e)(1)
2	US20050021423A1	Computerized, multimedia, network, real ti...	PGPub - Granted	2004-05-26	2005-01-27	NAHAN KENNETH +6	(Pre-AIA) § 102(e)(1)
3	US7076453B2	System and method for designing and op...	Lapsed	2002-06-04	2006-07-11	MICROSOFT CORP	(Pre-AIA) § 102(e)(2)
4	US8515823B2	System and method for enabling and main...	Active	2008-12-23	2013-08-20	VOLT INFORMATION SCIE...	(Pre-AIA) § 102(e)(2)
5	US20070192205A1	Method, device, and computer product for...	Abandoned Appl.	2006-08-31	2007-08-16	NAHAN KENNETH +6	(Pre-AIA) § 102(e)(1)
6	US20050182688A1	Wish list	PGPub - Granted	2005-04-07	2005-08-18	MICROSOFT CORP	(Pre-AIA) § 102(e)(1)
7	US6519572B1	Method and system for collecting and pro...	Lapsed	2000-04-10	2003-02-11	RIORDAN JOHN +1	(Pre-AIA) § 102(e)(2)
8	US8515323B2	Sheet wrapping avoidable fixing apparatu...	Active	2009-11-06	2013-08-20	RICOH CO LTD	(Pre-AIA) § 102(e)(2)
9	US5845265A	Consignment nodes	Expired	1995-11-07	1998-12-01	MERCEXCHANGE LLC	(Pre-AIA) § 102(a) (Pre-AIA) § 102(b) (Pre-AIA) § 102(e)(2)

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Family Prior Art

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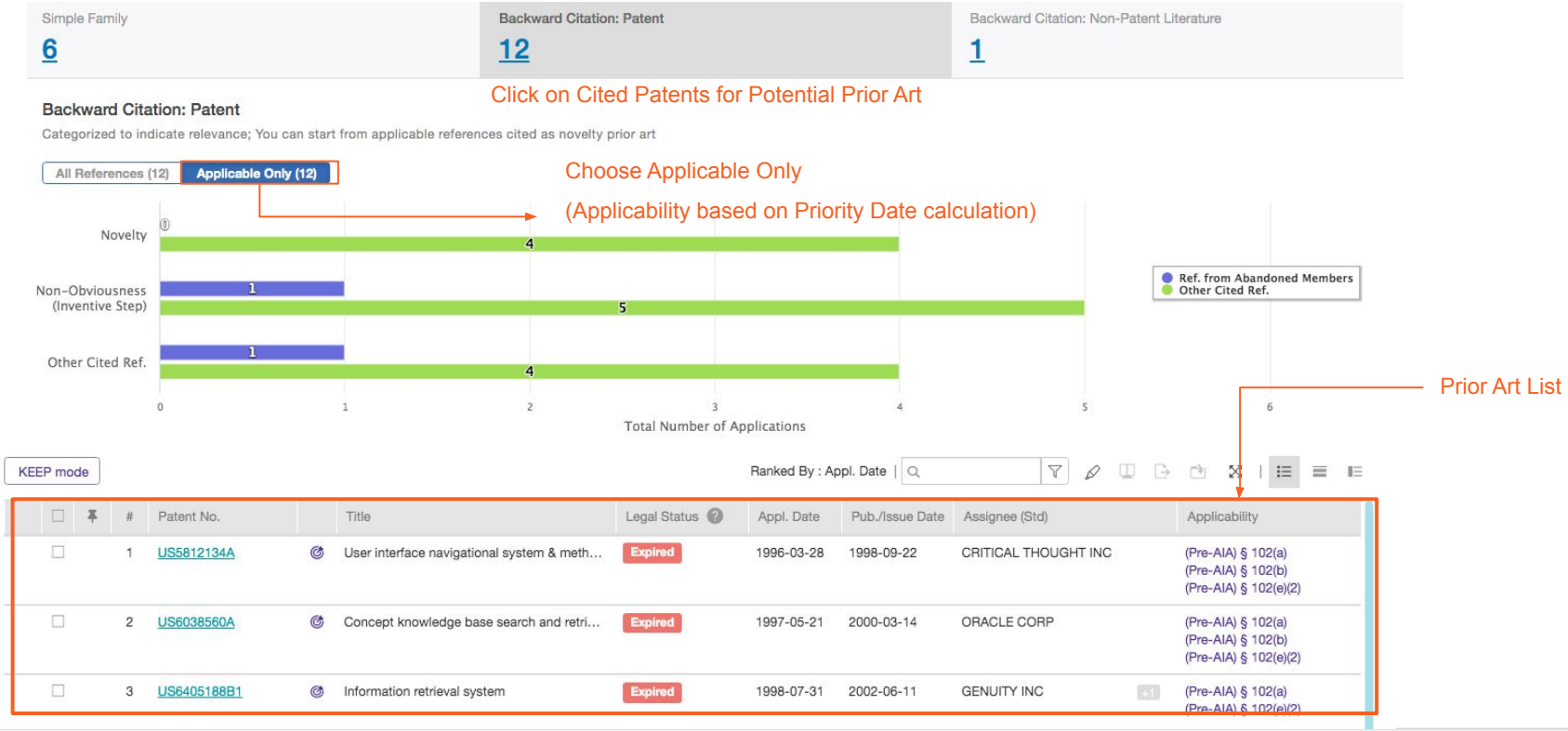
Family Prior Art of '379

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



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Comparison tools

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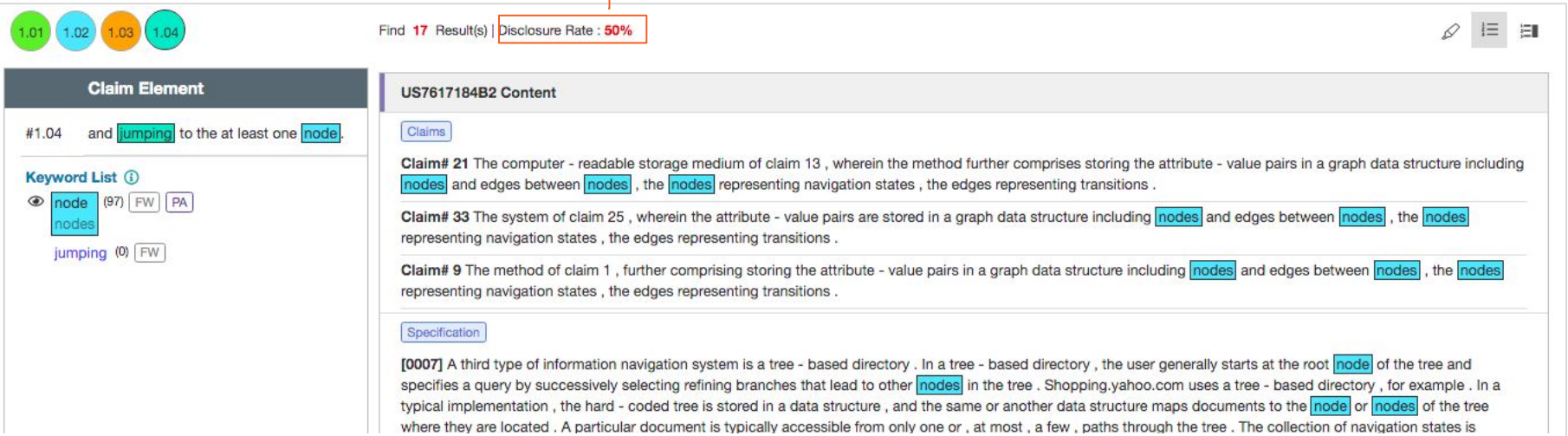
Prior Art Comparison (claim chart format)

What does this prior art say about the critical elements?

Disclosure Rate of Prior Art



Answer the question:

What does this prior art say about the Claim elements: "nodes" ?

Discover prior art similarity with keywords (includes keyword stemming) mapped to the selected prior art reference Abstract, Claims, and Specification.

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Prior Art Comparison (sample output)

Easily generate a table like below

	Claim	Claim-Term Interpretation	Semantic Prior Art - '184	3rd Degree Citation Prior Art - B
1	A method performed in a system having multiple navigable nodes interconnected in a hierarchical arrangement comprising:	Refer to Claim Analysis results	100%	……
	at a first node, receiving an input from a user of the system,	…...	N/A	……
	the input containing at least one word identifiable with at least one keyword from among multiple keywords, identifying at least one node, other than the first node, that is not directly connected to the first node but is associated with the at least one keyword,	……	60%	……
	and jumping to the at least one node.	…...	50%.	

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

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Prior art downloads

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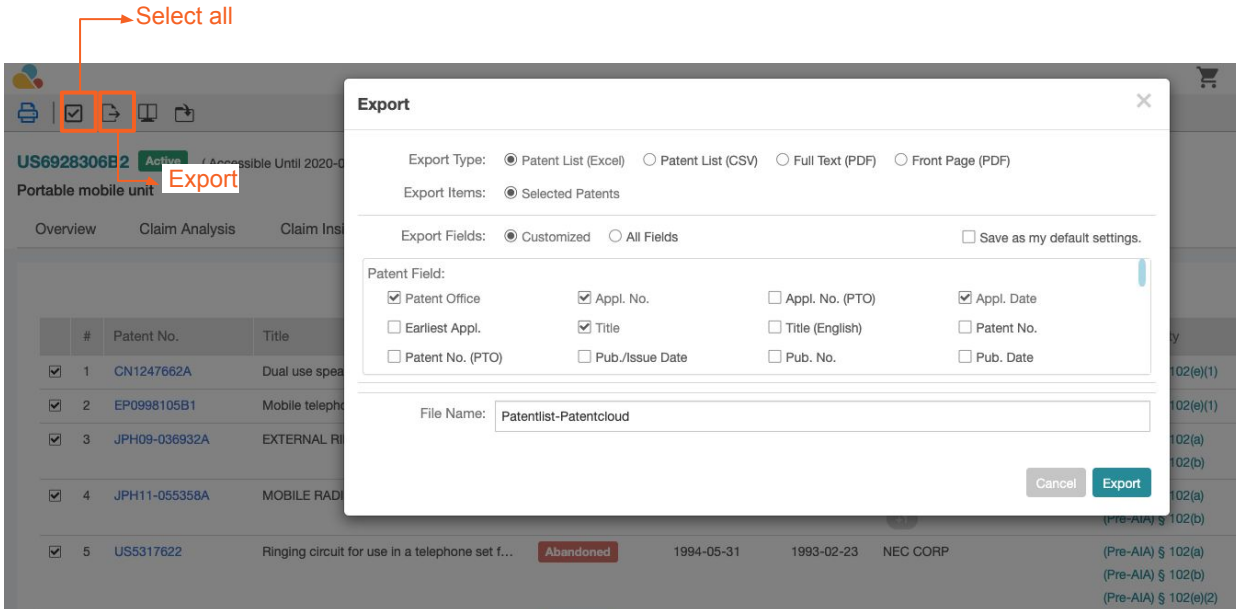
Prior art downloads



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

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Prosecution and PTAB History Key Events

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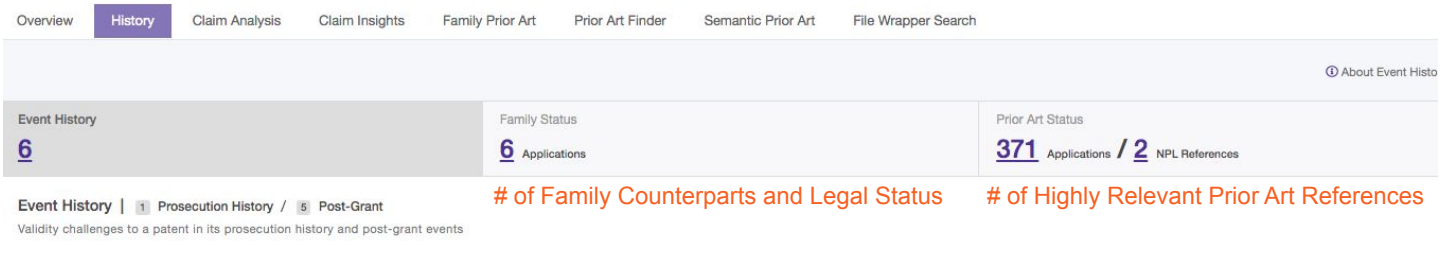
Key Events - ‘379

1 Prosecution & 5 Post-Grant

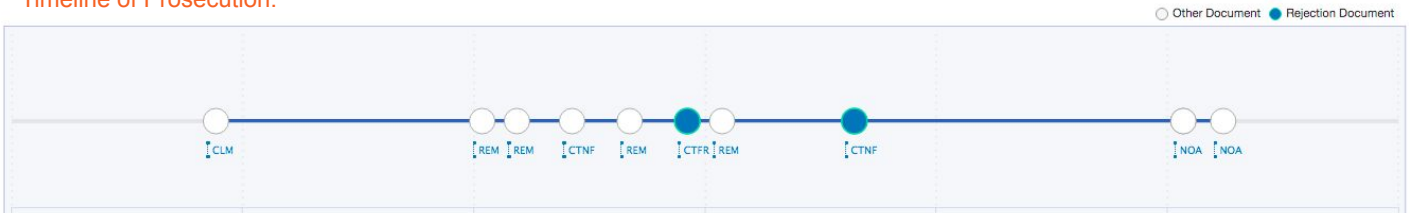


# of Family Counterparts and Legal Status

# of Highly Relevant Prior Art References

Legend	
Document Code	**Document Description**
CTFR	Final rejection
CTNF	Non-final rejection
CLM	Claims
REM	Remarks

Timeline of Prosecution:



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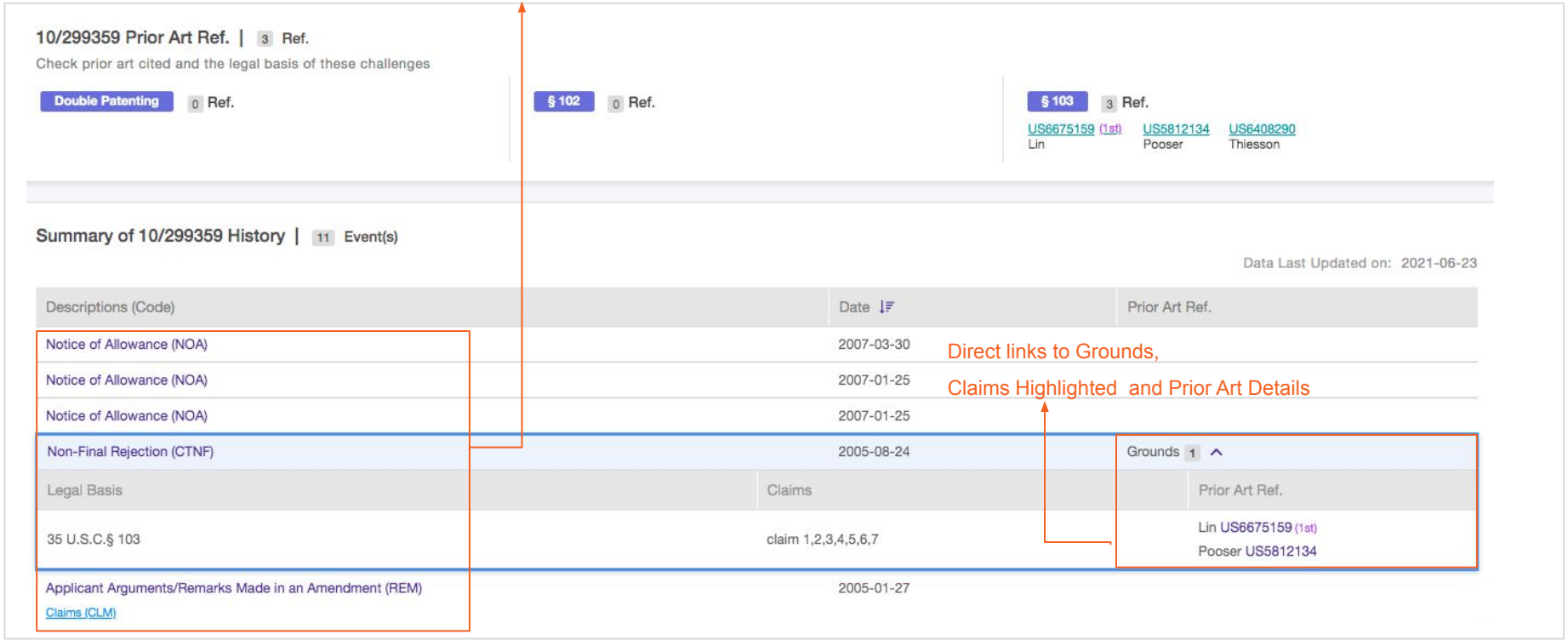
Key Events - ‘379

Prosecution History

Clickable events for original OAs and their OCR version when available.



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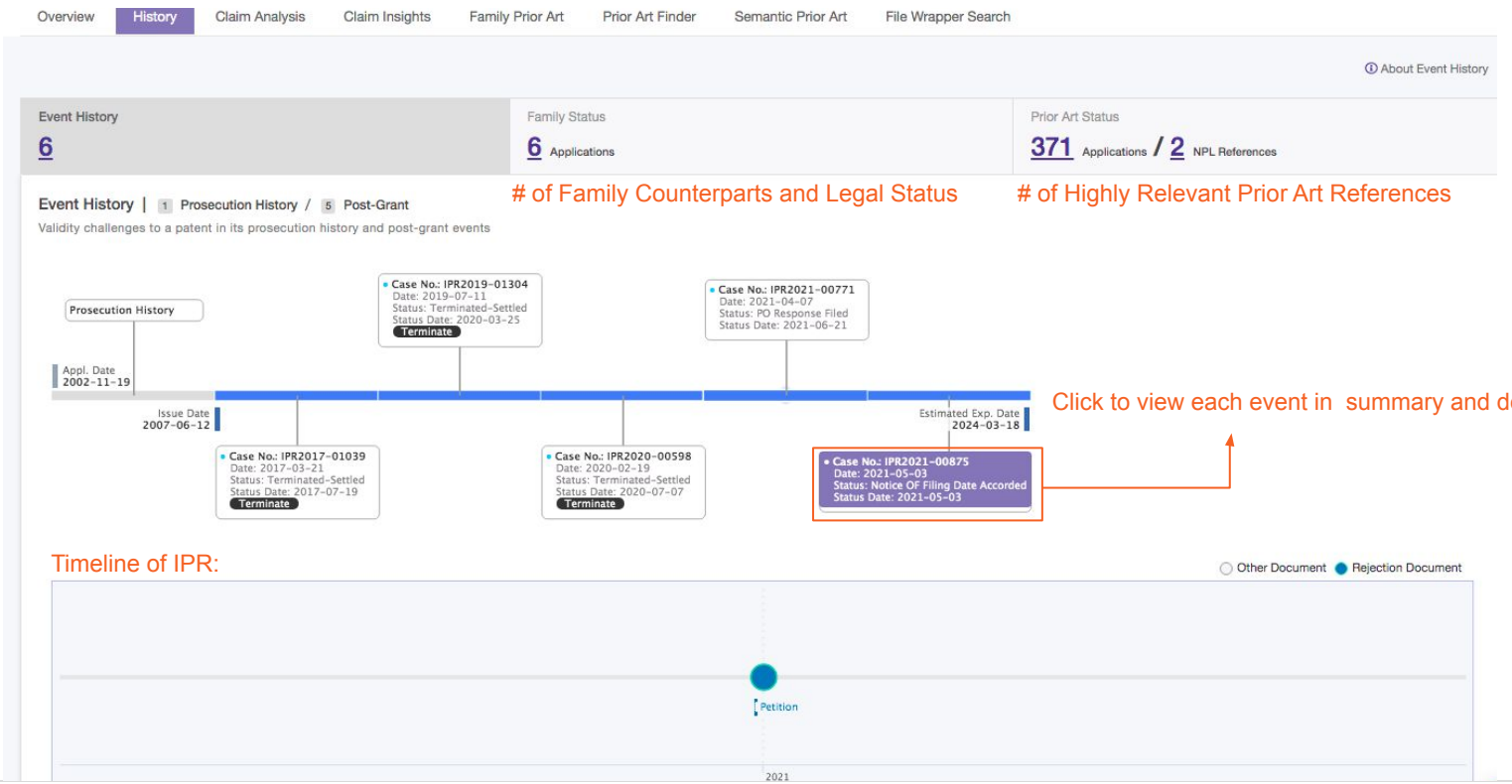
Key Events - ‘379

Post-Grant



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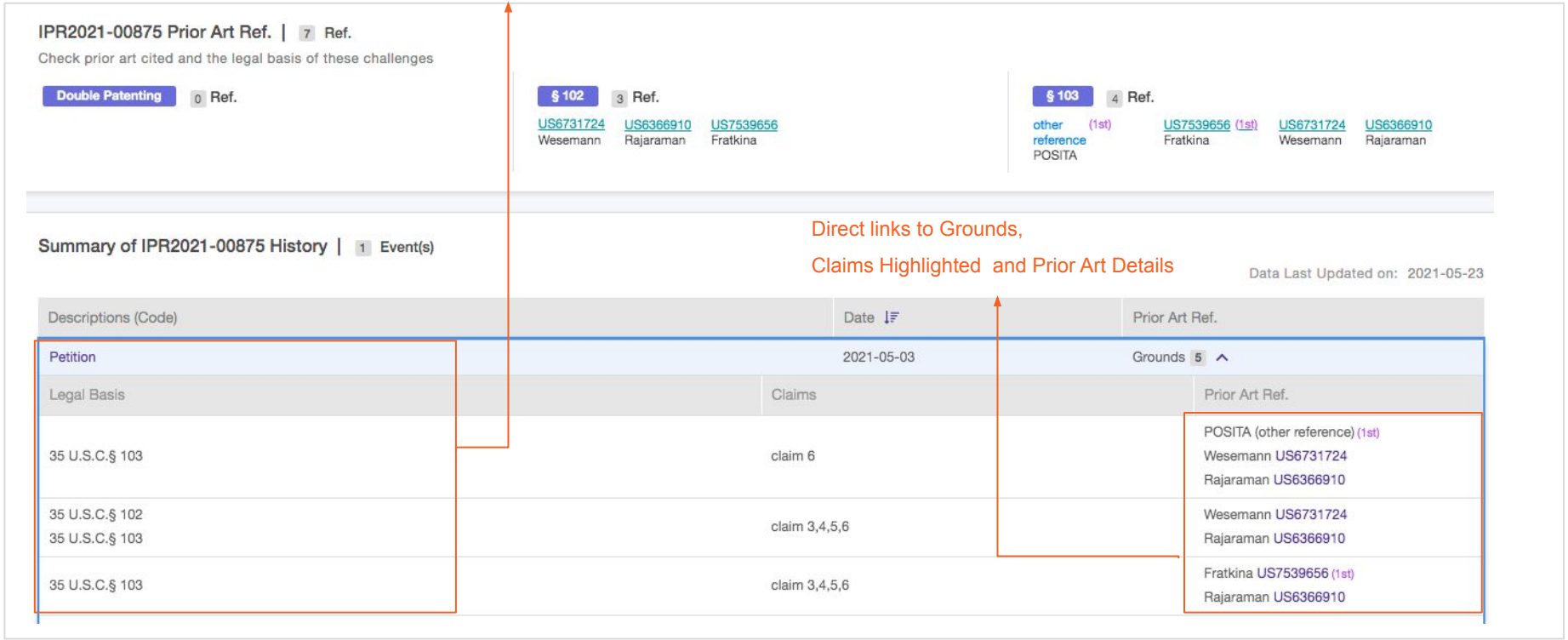
Key Events - ‘379

Post-Grant

Clickable events for original OAs and their OCR version when available.



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Prosecution and PTAB History Search

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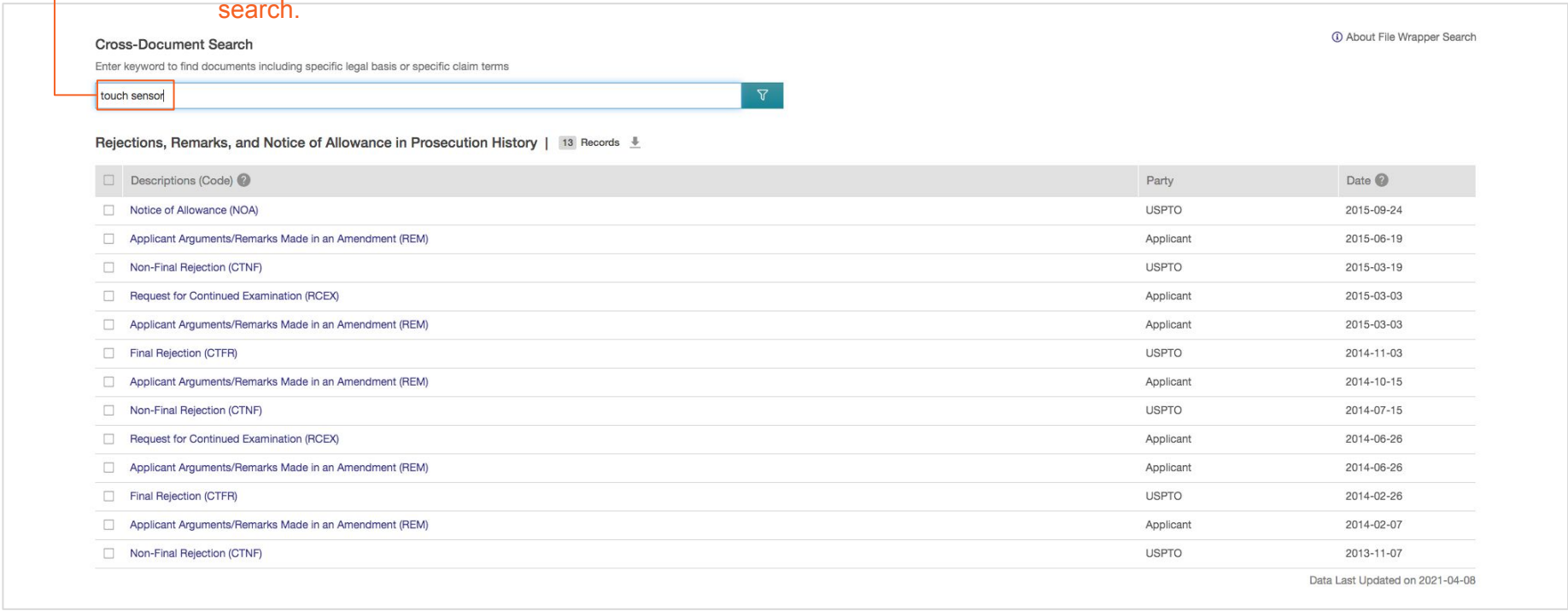
Patent File Wrapper Search

Directly discover details in the prosecution history and post-grant proceeding across all documents via a keyword search.



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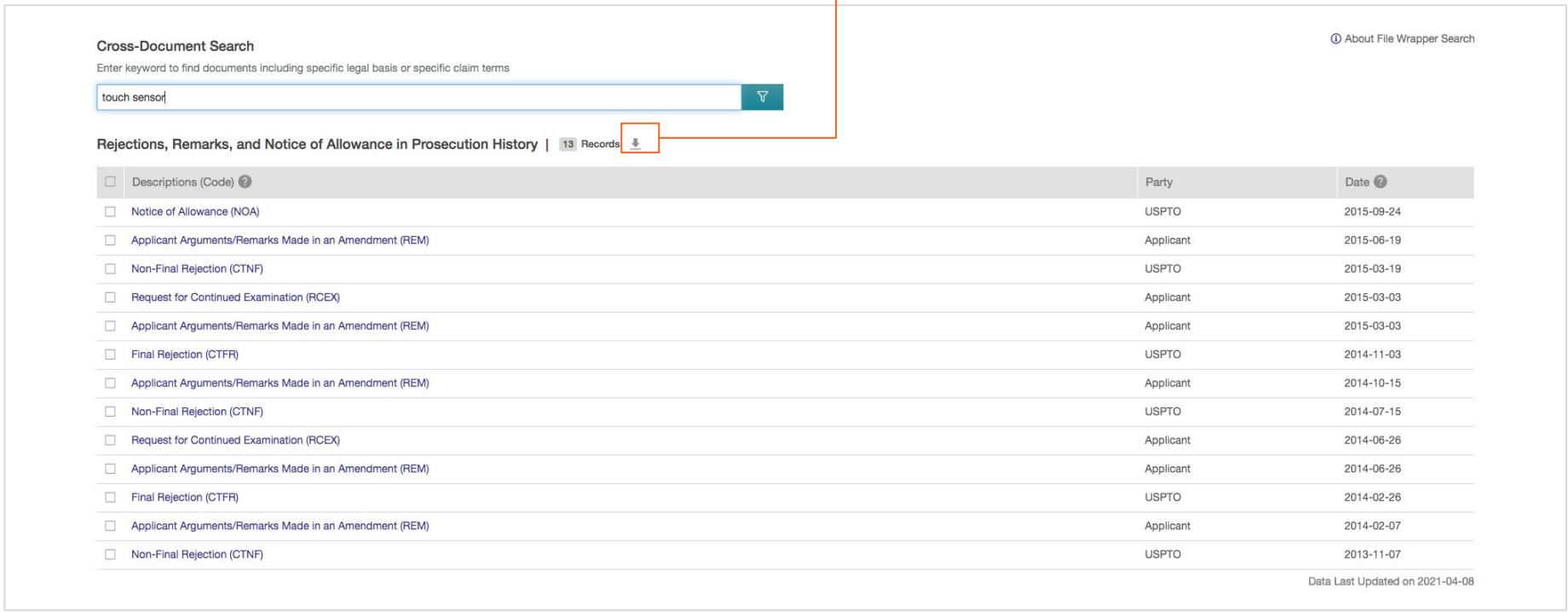
PDF Downloads

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



Cross-Document Search

Enter keyword to find documents including specific legal basis or specific claim terms

touch sensor

About File Wrapper Search

Rejections, Remarks, and Notice of Allowance in Prosecution History | 13 Records

Descriptions (Code)	Party	Date
Notice of Allowance (NOA)	USPTO	2015-09-24
Applicant Arguments/Remarks Made in an Amendment (REM)	Applicant	2015-06-19
Non-Final Rejection (CTNF)	USPTO	2015-03-19
Request for Continued Examination (RCEX)	Applicant	2015-03-03
Applicant Arguments/Remarks Made in an Amendment (REM)	Applicant	2015-03-03
Final Rejection (CTFR)	USPTO	2014-11-03
Applicant Arguments/Remarks Made in an Amendment (REM)	Applicant	2014-10-15
Non-Final Rejection (CTNF)	USPTO	2014-07-15
Request for Continued Examination (RCEX)	Applicant	2014-06-26
Applicant Arguments/Remarks Made in an Amendment (REM)	Applicant	2014-06-26
Final Rejection (CTFR)	USPTO	2014-02-26
Applicant Arguments/Remarks Made in an Amendment (REM)	Applicant	2014-02-07
Non-Final Rejection (CTNF)	USPTO	2013-11-07

Data Last Updated on 2021-04-08

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

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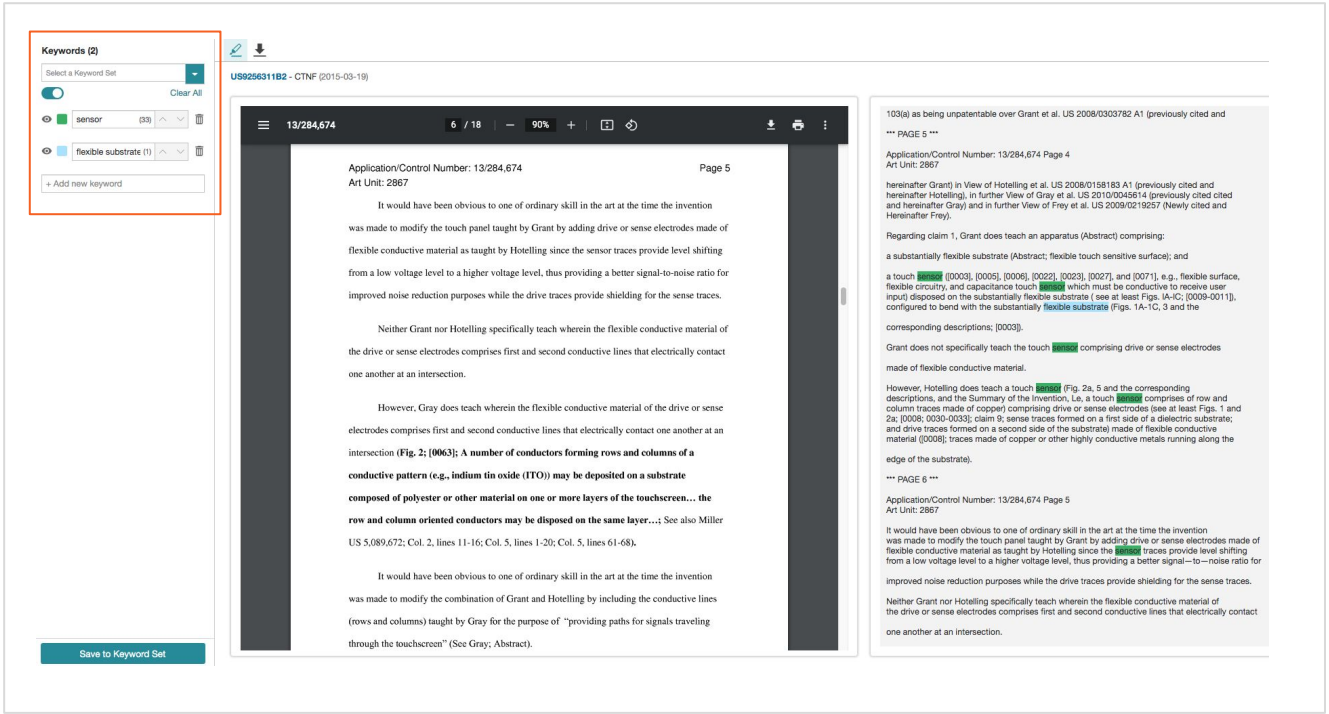
Side by Side: PDF & OCR

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.



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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

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