Patentcloud Quality Insights Annotation Report

USC IP Partnership, LP v. Facebook, Inc.

WDTX-6-20-cv-00555

Focus on: U.S. Pat. No. 8,645,300

Filing date: Jun. 22, 2020

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Map claims to specification and file wrapper

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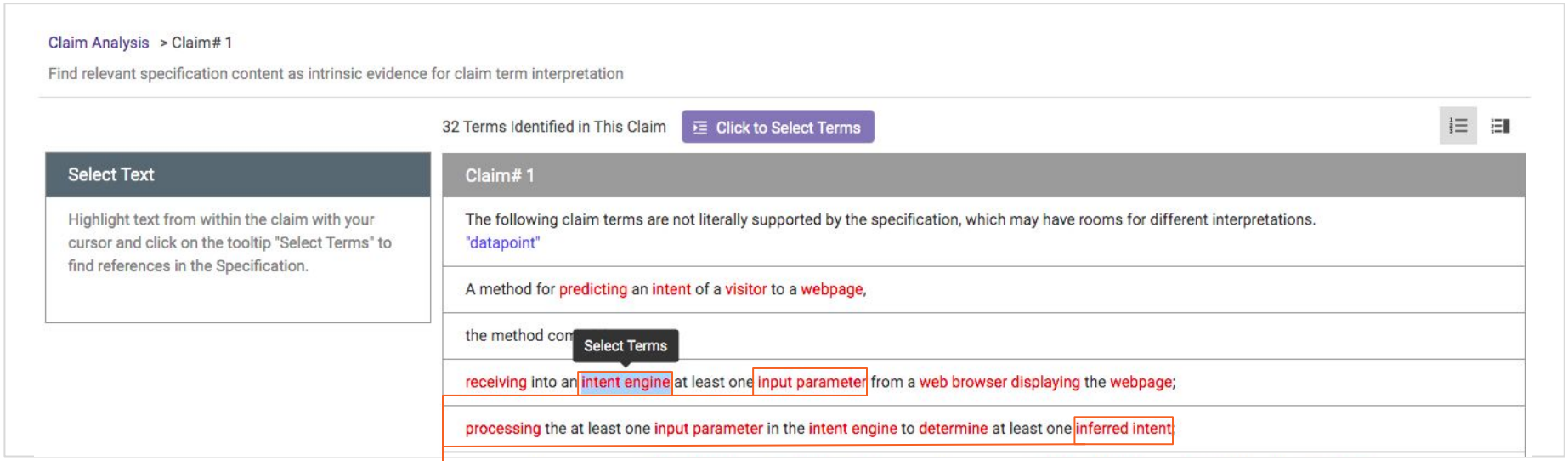
Map claims to specification - ‘300

Which claim terms are or are not in the specification?



Claim Analysis **finds** these terms in the spec:
“intent engine”, “**input parameter**”, ”**inferred intent**”,
as well as other terms that are highlighted in red.

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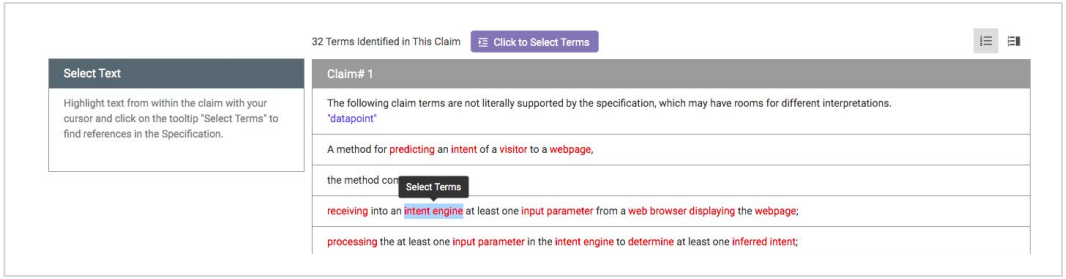
Map claims to specification - ‘300

Which claim terms are or are not in the specification?

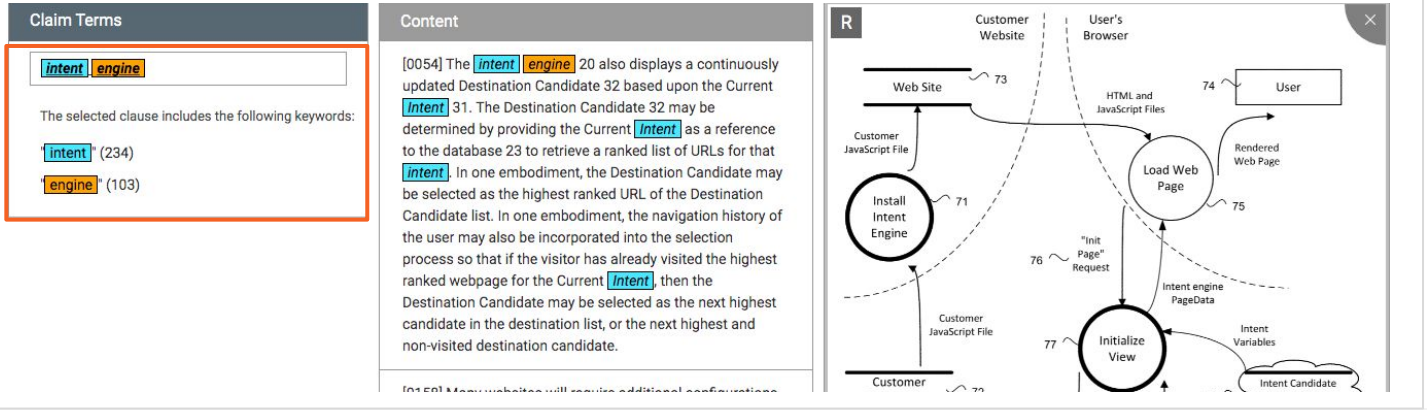


Review the selected claim element and see how it is defined in the patent specification and related figures.

Selected elements of ‘300 claim 1

Selected elements of ‘300 in Spec

Figures of ‘300



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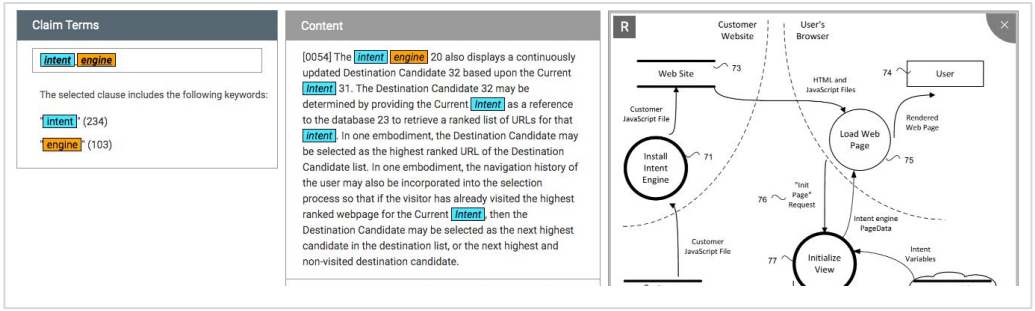
Map claims to specification - ‘300

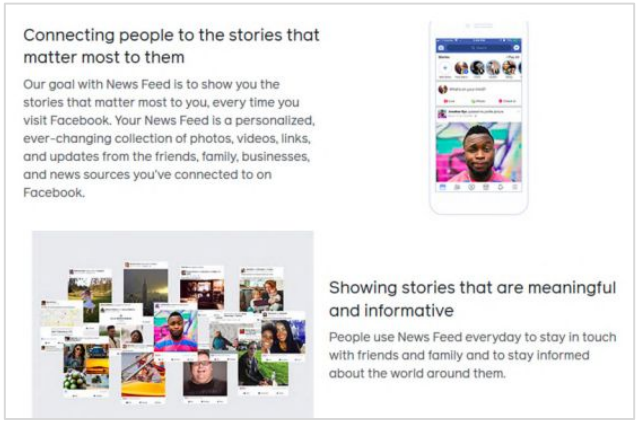
Does the allegedly infringing product element fall within or outside the patent’s scope?



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

Answer the question:

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



28. For example, the intent engine is not well-understood, routine, or conventional; rather it is an improvement to computing technology that allows for dramatically improved identification of websites for display to a user based on predicting the intent of the user through an intent engine, a capability that did not exist in the prior art.

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Map claims to the file wrapper - ‘300

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

Review how the asserted claims were disclosed by the prior art found by the examiner during prosecution and post-grant proceedings.

Disclosure Rate by Prior Art

Claim	Disclosure by Single Reference		Disclosure by Multiple References	
	Prosecution History	Post-Grant	Prosecution History	Post-Grant
#1	84%	84%	84%	84%
#5	64%	78%	64%	78%
#11	42%	78%	42%	78%

Confirm

Claim# 1

A method for predicting an intent of a visitor to a webpage, the method comprising: receiving into an intent engine at least one input parameter from a web browser displaying the webpage; processing the at least one input parameter in the intent engine to determine at least one inferred intent; providing the at least one inferred intent to the web browser to cause the at least one inferred intent to be displayed on the webpage; prompting the visitor to confirm the visitor's intent; receiving a confirmed intent into the intent engine; processing the confirmed intent in the

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

Claim Insights Summary Table > Claim Table (Claim# 1) | Select A Claim: 1 5 switch between claims

How is each claim element disclosed by cited prior art? Click numbers to find detailed comparison.

The percentage "%" indicates how many keywords in an element being disclosed by a specific references.
Click to find comprehensive explanation of calculation.

All | Prosecution history | Post-Grant | Responded prior arts only

Claims	Prior Art Ref. (4)			
	US7827487	US2010/0131835	US8032506	OTHER REFERENCE
#1.01 (100%)	100%	100%	0%	100%
#1.02 (N/A)	N/A	N/A	N/A	N/A
#1.03 (100%)	0%	100%	60%	100%

Disclosure Rate by Prior Art

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Map claims terms to the file wrapper - ‘300

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

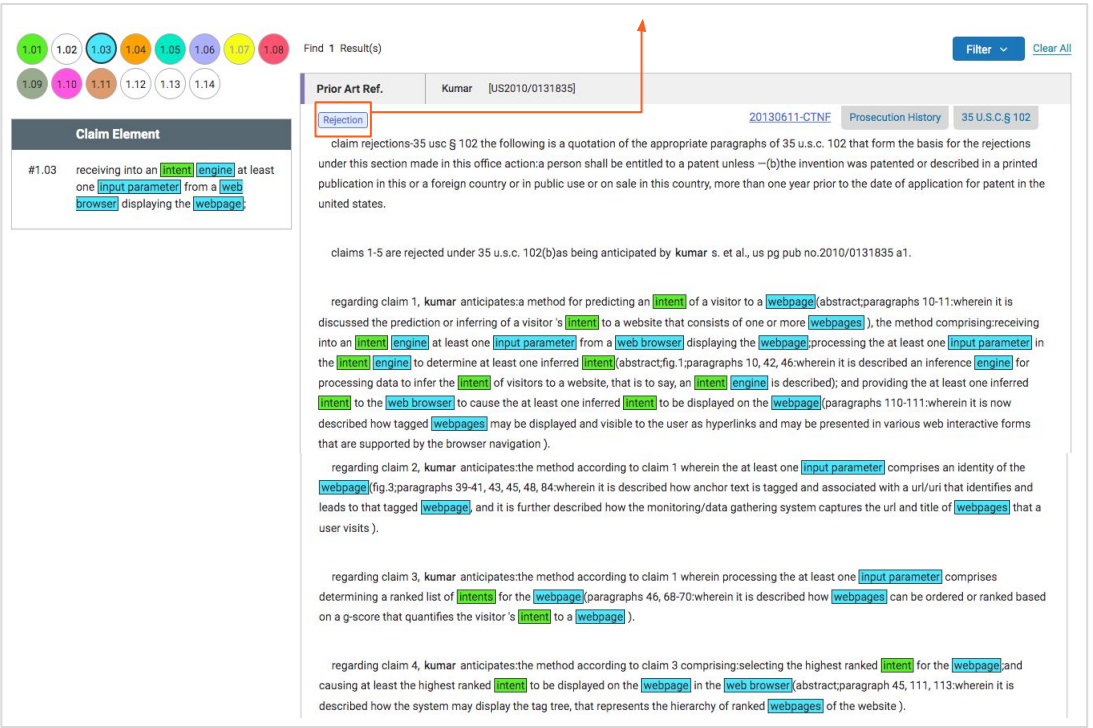
Claims	Prior Art Ref. (4)		
	US7827487	US2010/0131835	US8032506
#1.01 (100%)	100%	100%	0%
#1.02 (N/A)	N/A	N/A	N/A
#1.03 (100%)	0%	100%	60%
#1.04 (100%)	40%	100%	60%
#1.05 (100%)	66%	100%	0%
#1.06 (100%)	100%	100%	0%

All of the limitations of this asserted claim element in ‘300 were 100% known by Kumar(US2010/0131835).

Answer the questions:

Why was this patent granted?

Rejection from Examiner



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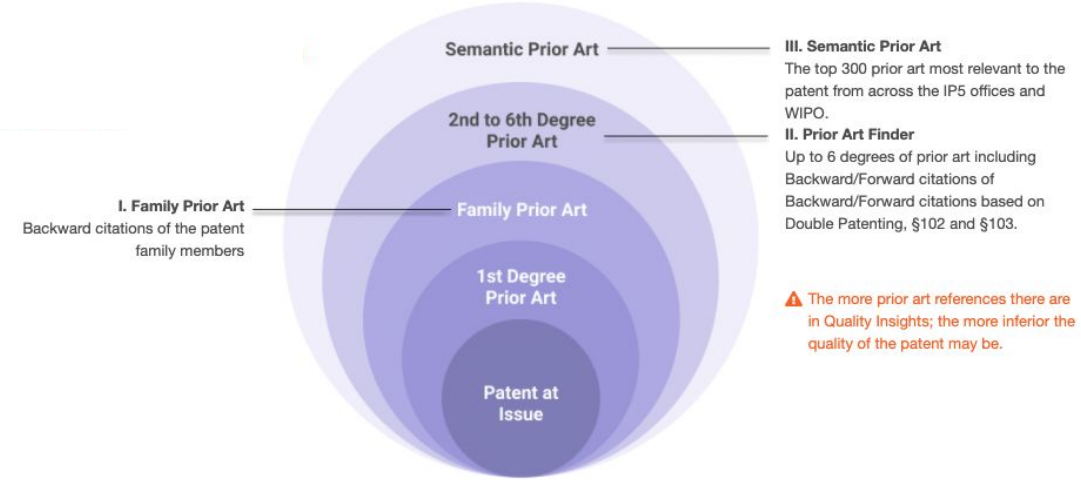
How does Quality Insights generate prior art?



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Prior Art Finder

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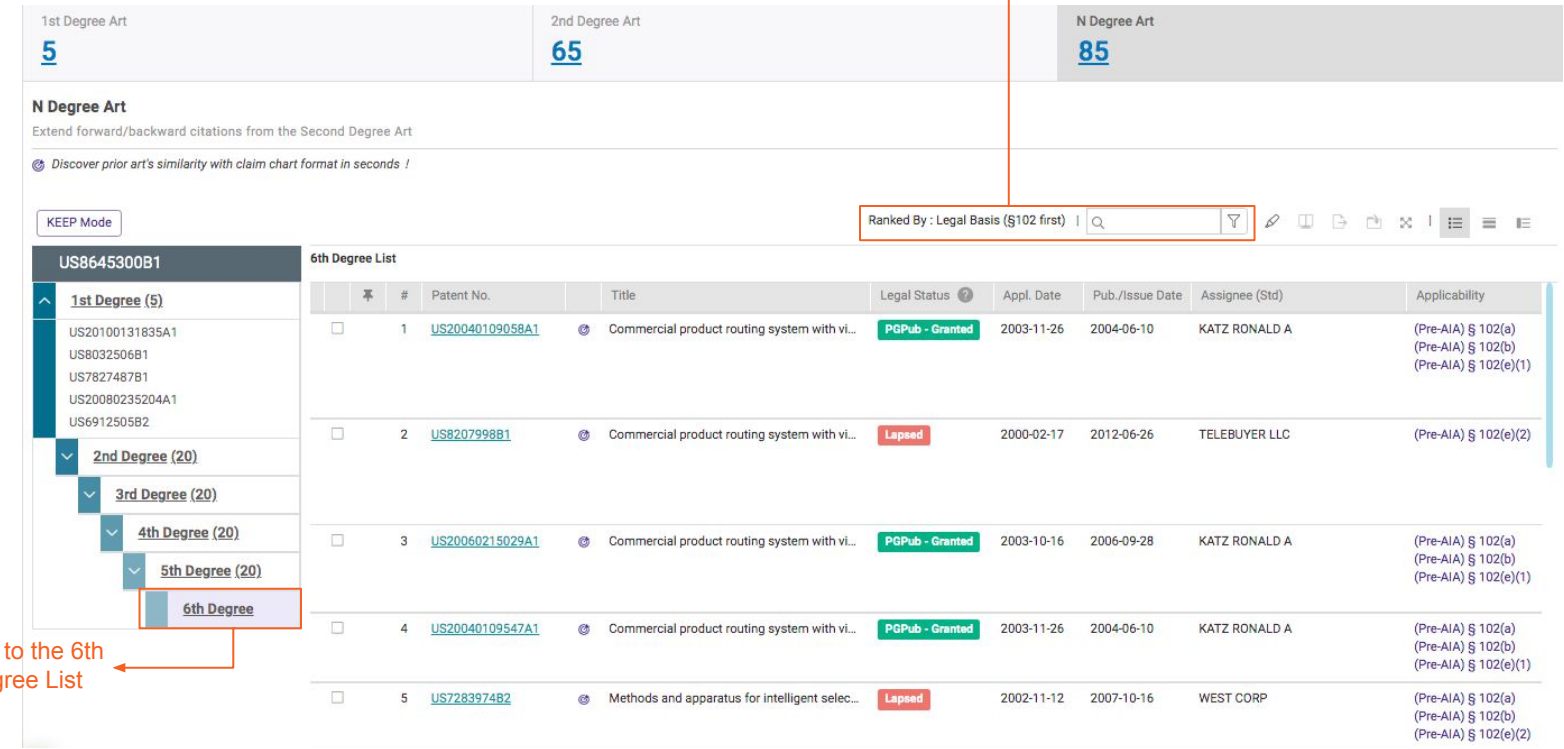
Prior Art Finder for ‘300

Review cited and citing patents of ‘300 from the first to the sixth degree

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



Up to the 6th Degree List

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Family Prior Art

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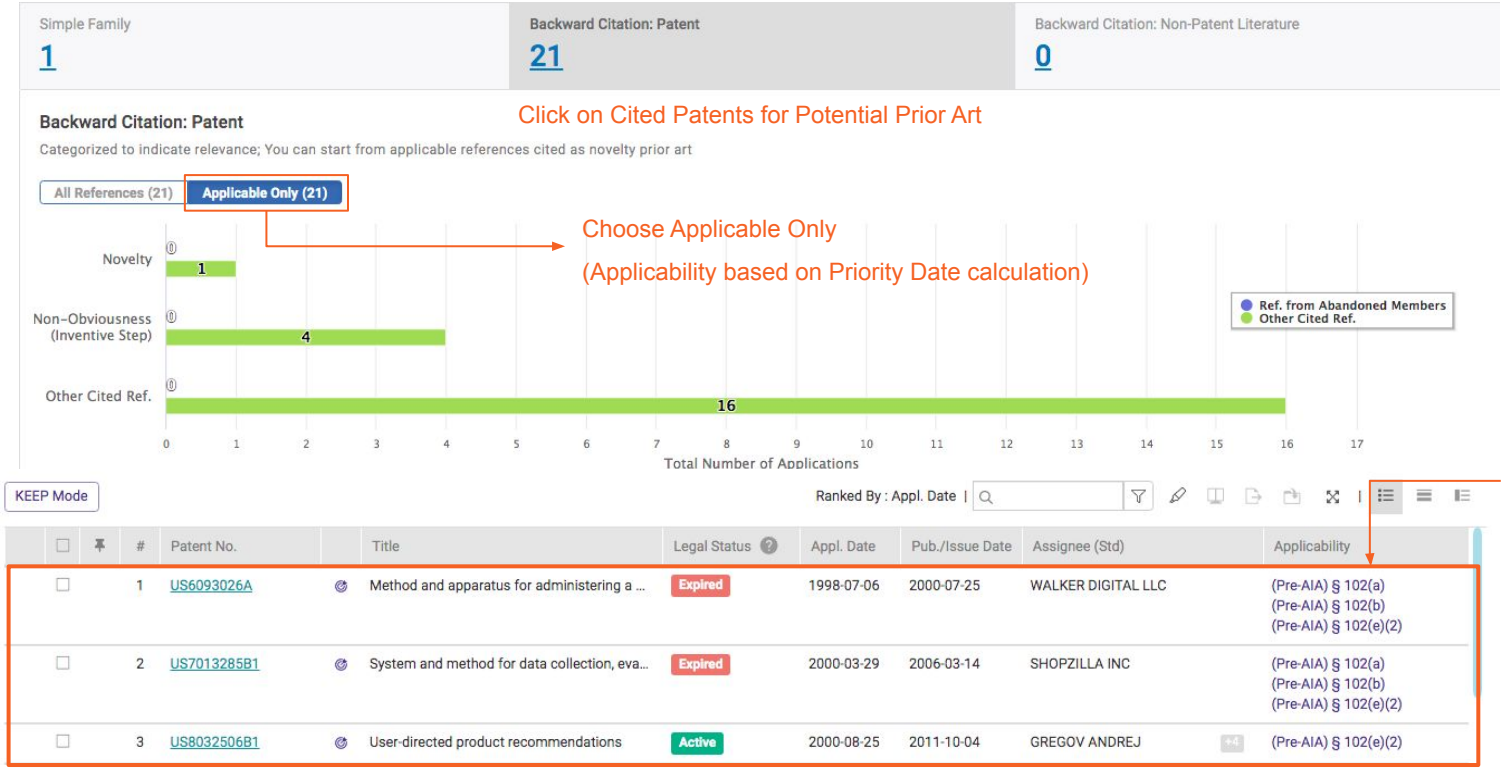
Family Prior Art of '300

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



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Semantic Prior Art

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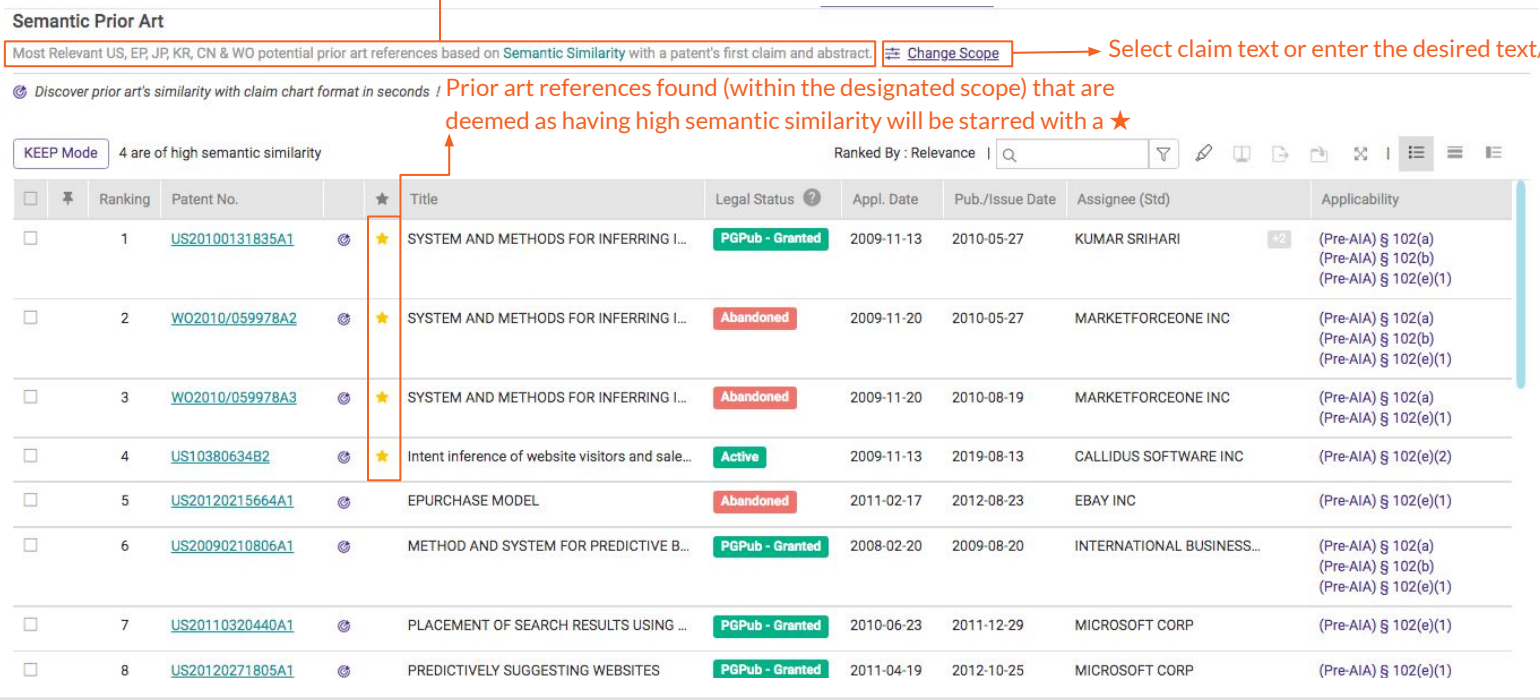
Semantic Prior Art of '300

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

Prior art references found (within the designated scope) that are deemed as having high semantic similarity will be starred with a ★



Ranking	Patent No.	Title	Legal Status	Appl. Date	Pub./Issue Date	Assignee (Std)	Applicability
1	US20100131835A1	SYSTEM AND METHODS FOR INFERRING I...	PGPub - Granted	2009-11-13	2010-05-27	KUMAR SRIHARI +2	(Pre-AIA) § 102(a) (Pre-AIA) § 102(b) (Pre-AIA) § 102(e)(1)
2	WO2010/059978A2	SYSTEM AND METHODS FOR INFERRING I...	Abandoned	2009-11-20	2010-05-27	MARKETFORCEONE INC	(Pre-AIA) § 102(a) (Pre-AIA) § 102(b) (Pre-AIA) § 102(e)(1)
3	WO2010/059978A3	SYSTEM AND METHODS FOR INFERRING I...	Abandoned	2009-11-20	2010-08-19	MARKETFORCEONE INC	(Pre-AIA) § 102(a) (Pre-AIA) § 102(e)(1)
4	US10380634B2	Intent inference of website visitors and sale...	Active	2009-11-13	2019-08-13	CALLIDUS SOFTWARE INC	(Pre-AIA) § 102(e)(2)
5	US20120215664A1	EPURCHASE MODEL	Abandoned	2011-02-17	2012-08-23	EBAY INC	(Pre-AIA) § 102(e)(1)
6	US20090210806A1	METHOD AND SYSTEM FOR PREDICTIVE B...	PGPub - Granted	2008-02-20	2009-08-20	INTERNATIONAL BUSINESS...	(Pre-AIA) § 102(a) (Pre-AIA) § 102(b) (Pre-AIA) § 102(e)(1)
7	US20110320440A1	PLACEMENT OF SEARCH RESULTS USING ...	PGPub - Granted	2010-06-23	2011-12-29	MICROSOFT CORP	(Pre-AIA) § 102(e)(1)
8	US20120271805A1	PREDICTIVELY SUGGESTING WEBSITES	PGPub - Granted	2011-04-19	2012-10-25	MICROSOFT CORP	(Pre-AIA) § 102(e)(1)

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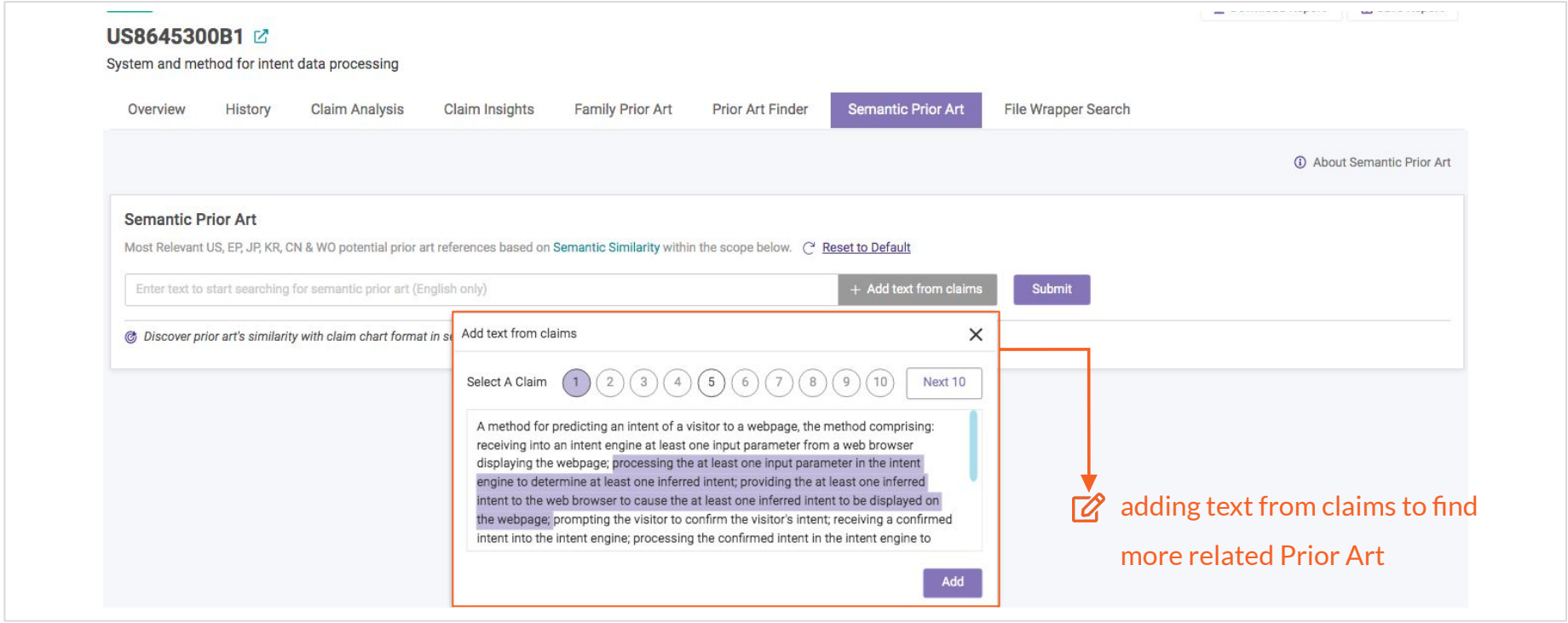
Semantic Prior Art of '300

Review potential prior art ranked by concept similarity



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Comparison tools

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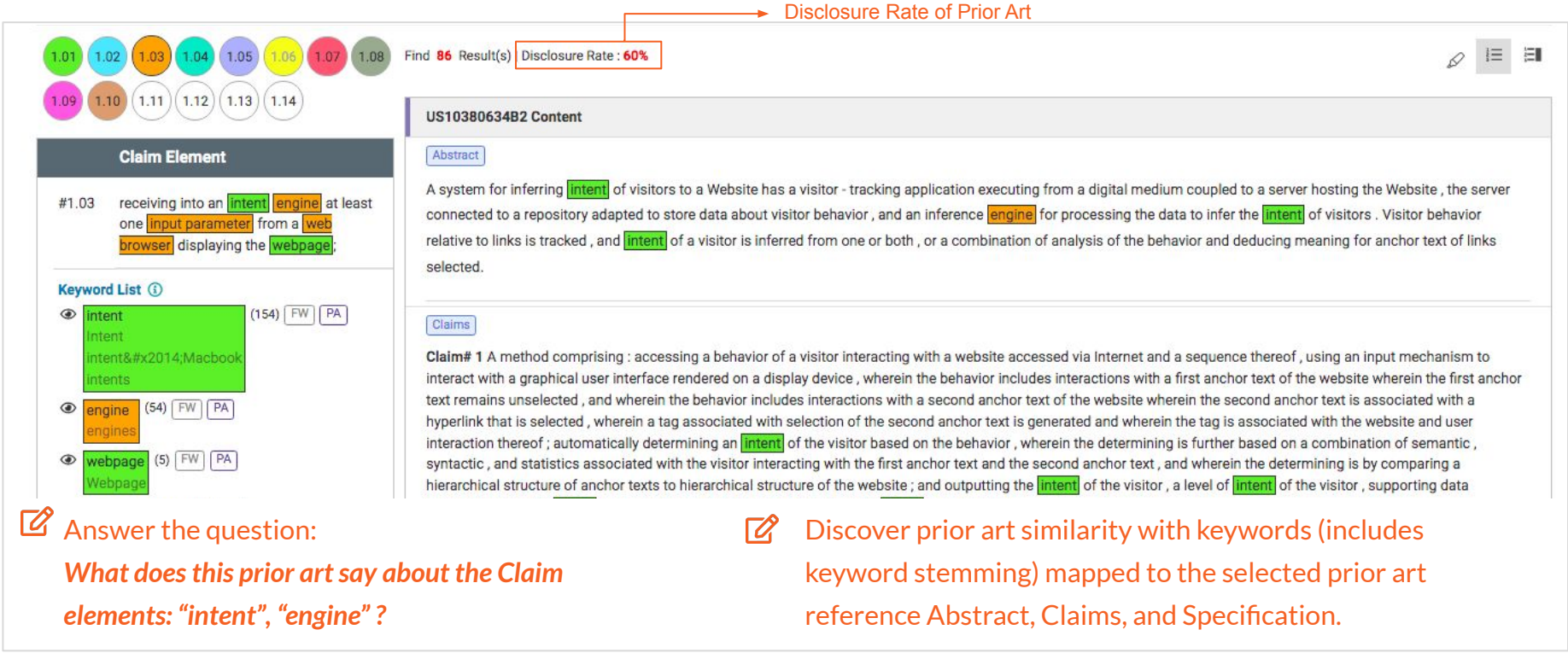
Prior Art Comparison (claim chart format)

What does this prior art say about the critical elements?



Answer the question:

What does this prior art say about the Claim elements: "intent", "engine" ?

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 - '634	3rd Degree Citation Prior Art - B
1	A method for predicting an intent of a visitor to a webpage,	Refer to Claim Analysis results	100%	……
	the method comprising:	……	N/A	……
	receiving into an intent engine at least one input parameter from a web browser displaying the webpage;	……	60%	
	processing the at least one input parameter in the intent engine to determine at least one inferred intent;	……	80%	
	……the inferred intent and the received rank.	……	……	

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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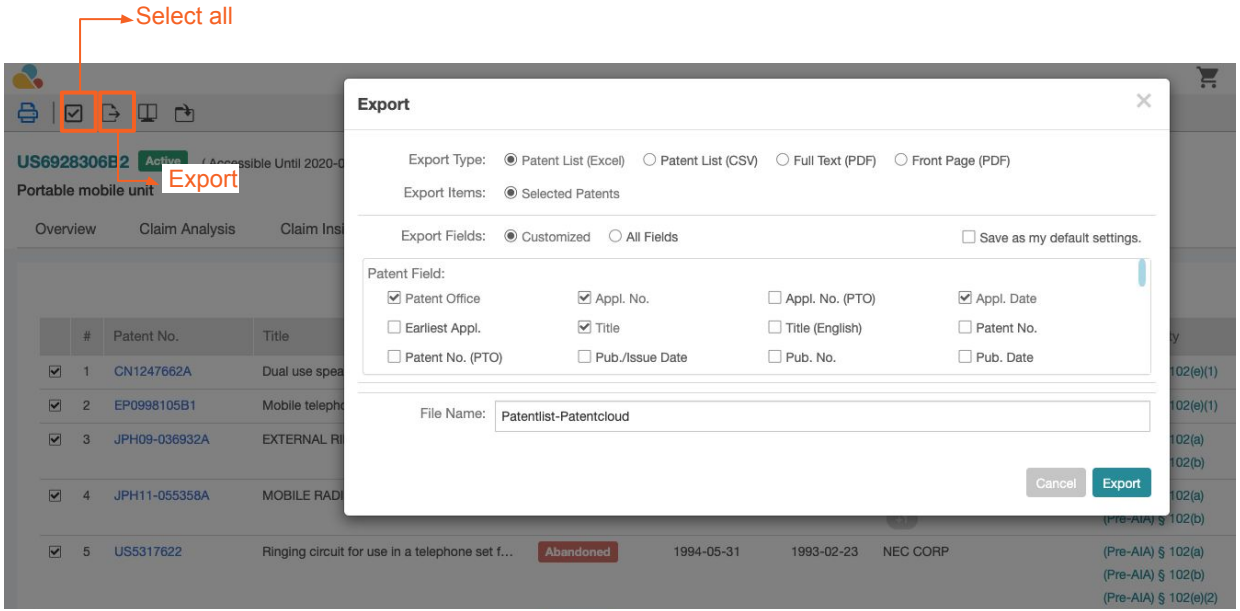
Prior art downloads



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 - ‘300

1 Prosecution & 2 Post-Grant

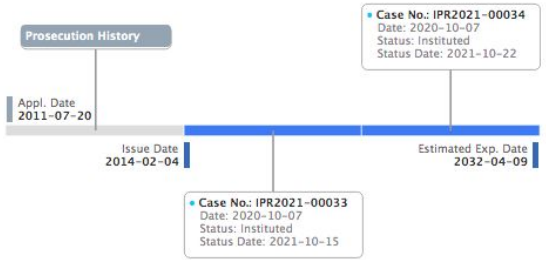
Event History	Family Status	Prior Art Status
3	1 Applications	392 Applications / 2 NPL References

# of Family Counterparts and Legal Status

# of Highly Relevant Prior Art References

Event History | 1 Prosecution History / 2 Post-Grant

Validity challenges to a patent in its prosecution history and post-grant events



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

Timeline of Prosecution:

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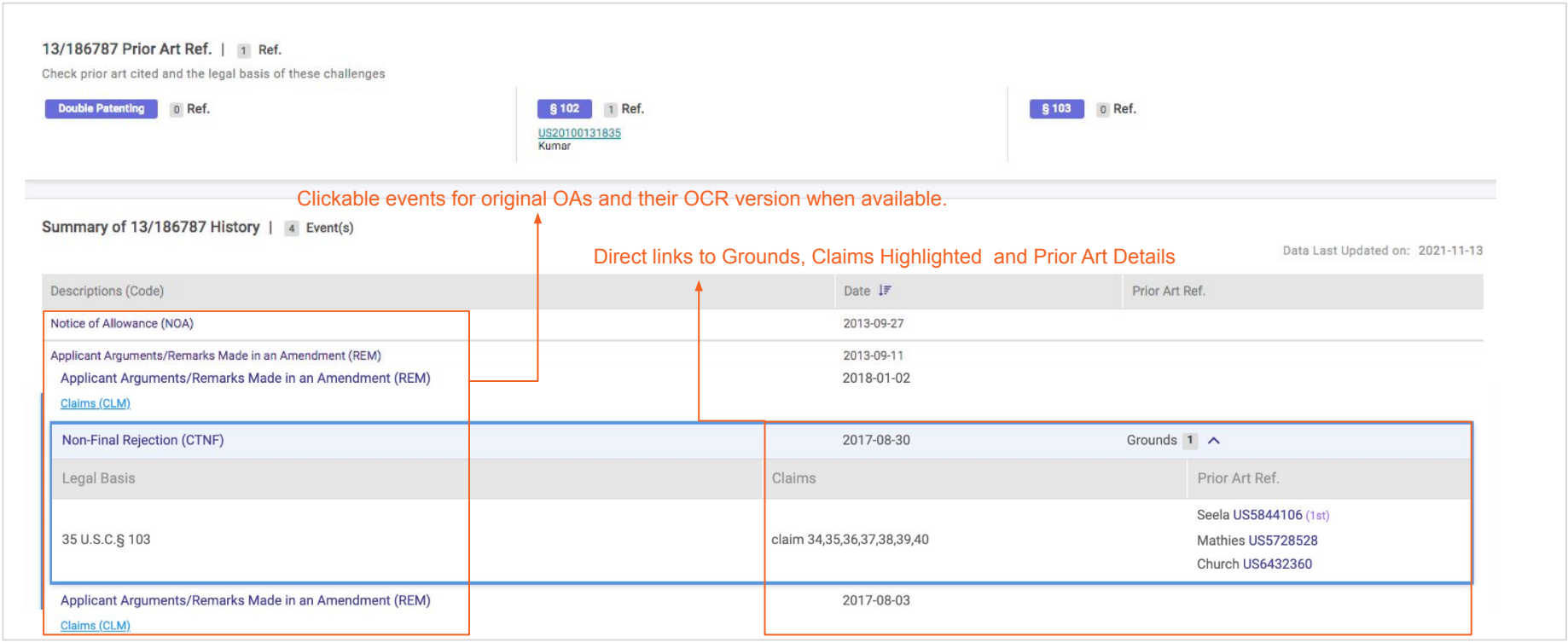
Key Events - ‘300

Prosecution History



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Key Events - ‘300

Post-Grant

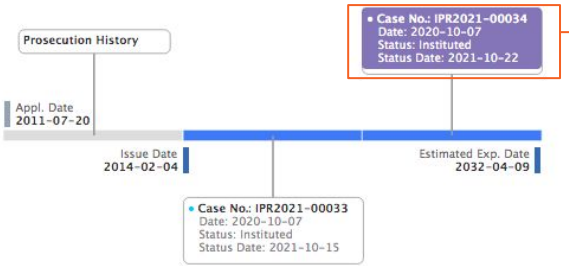
Event History	Family Status	Prior Art Status
3	1 Applications	392 Applications / 2 NPL References

# of Family Counterparts and Legal Status

# of Highly Relevant Prior Art References

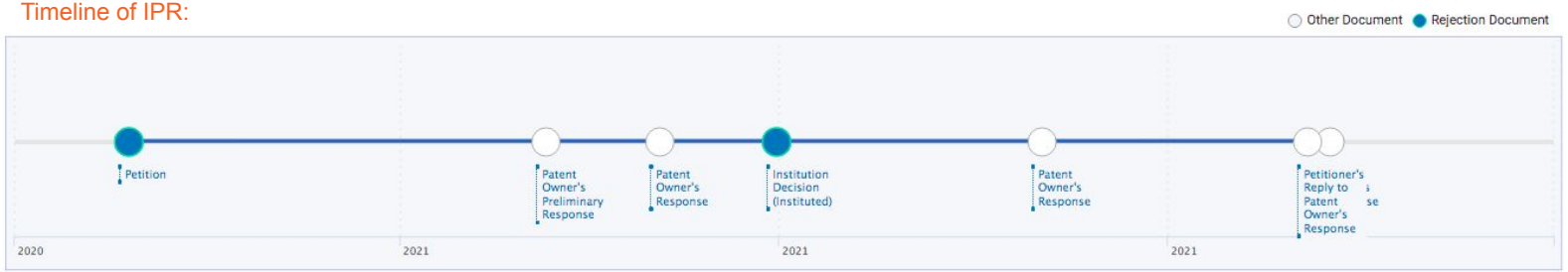
Event History | 1 Prosecution History / 2 Post-Grant

Validity challenges to a patent in its prosecution history and post-grant events



Click to view each event in summary and details of IPR

Timeline of IPR:



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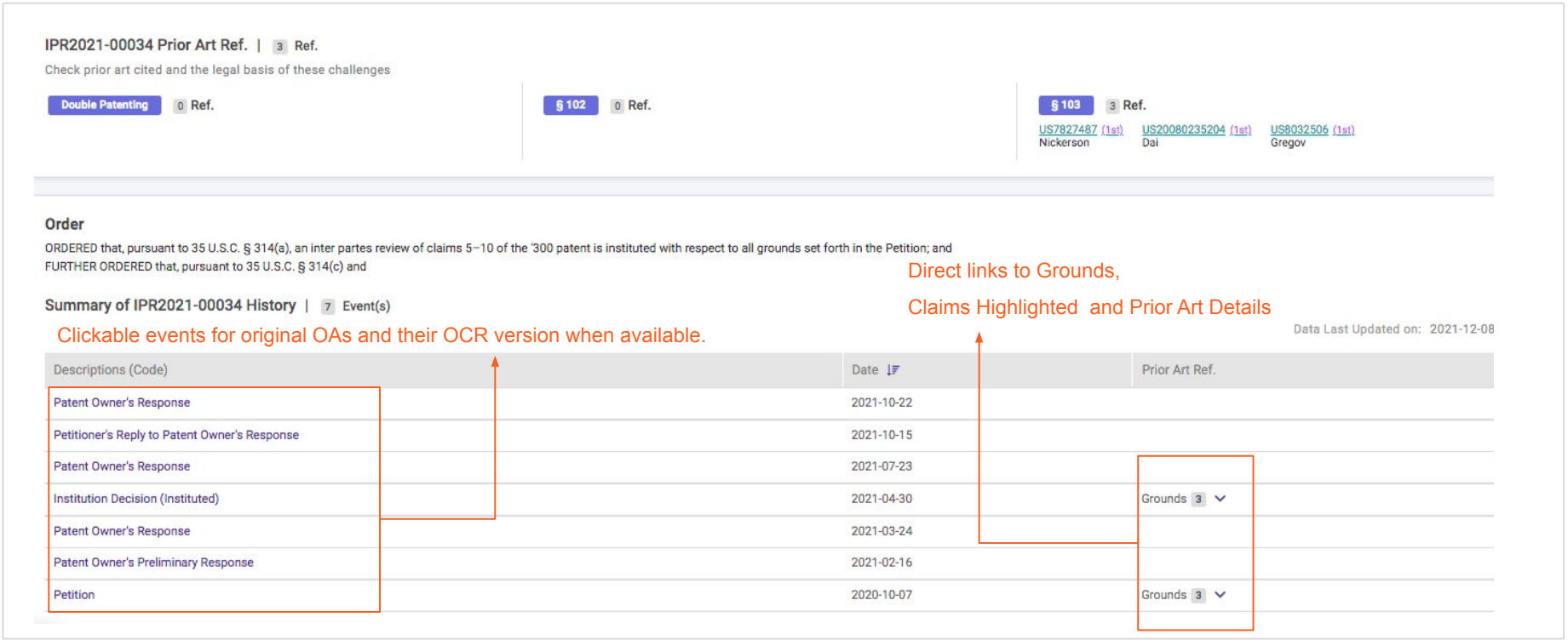
Key Events - ‘300

Post-Grant



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Prosecution and PTAB History Search

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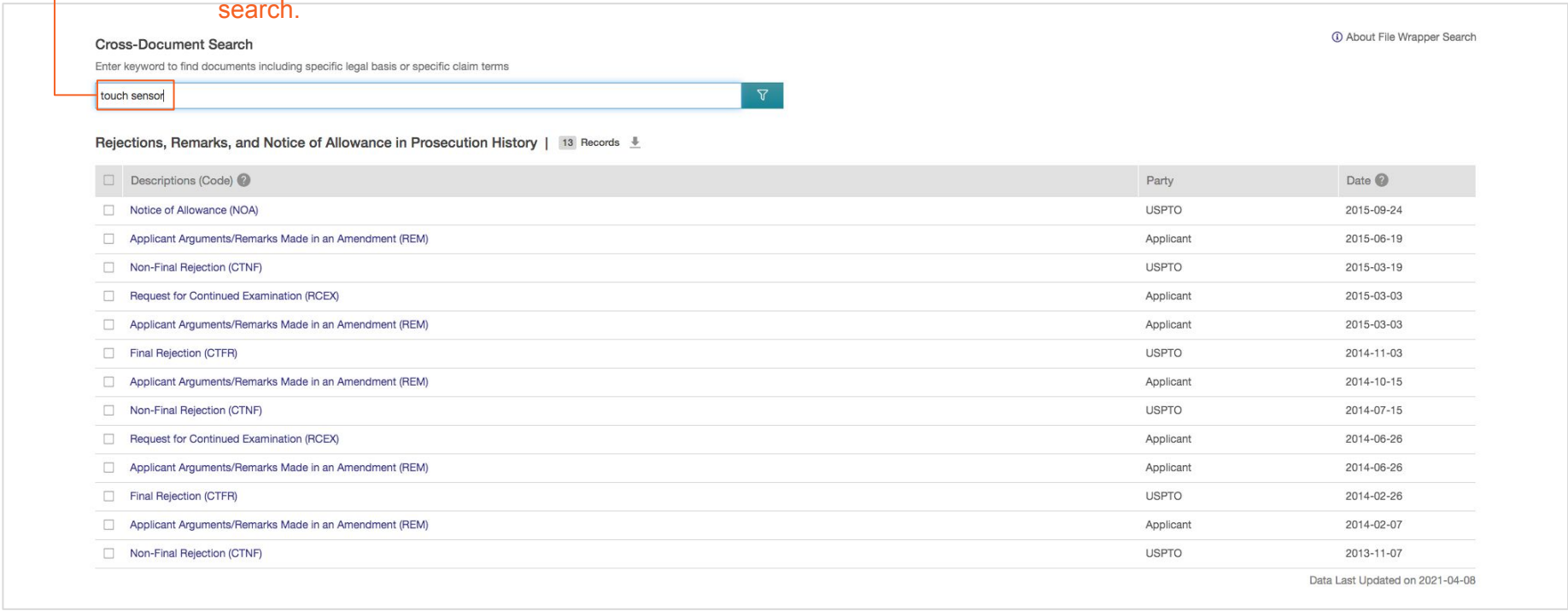
Patent File Wrapper Search

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



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Prosecution and PTAB History PDF Downloads

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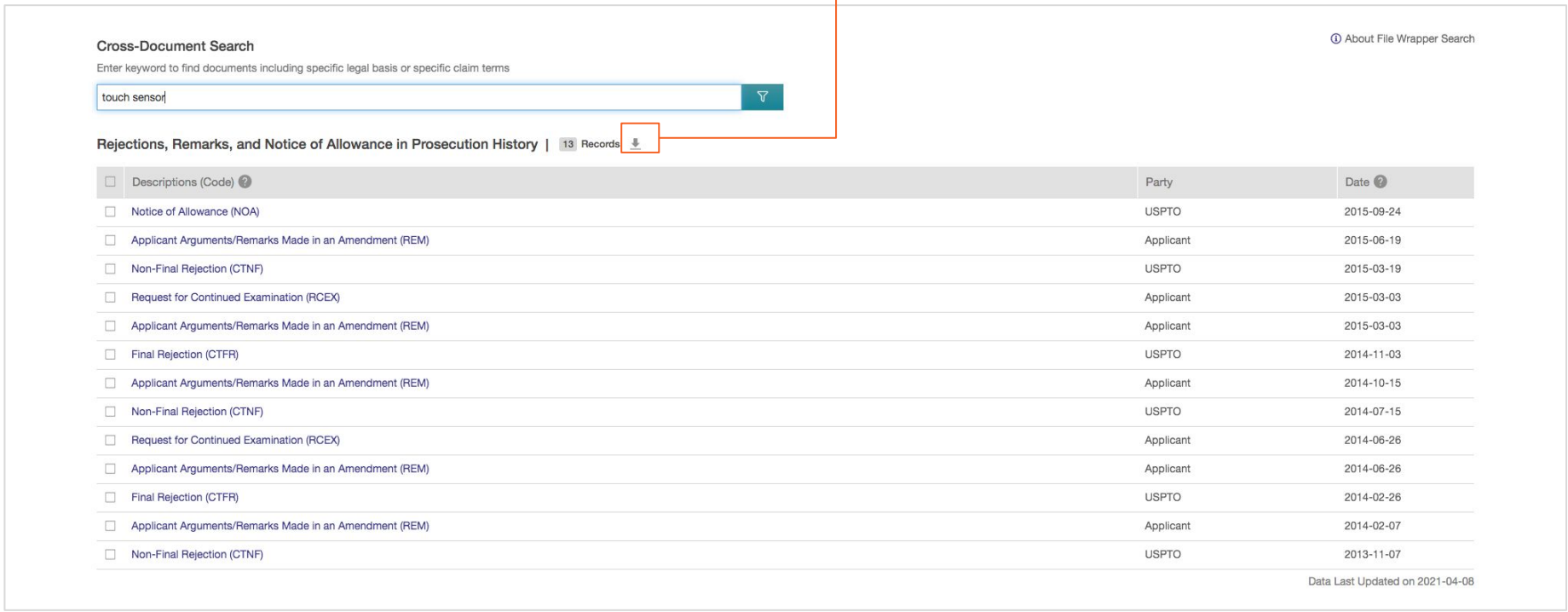
PDF Downloads

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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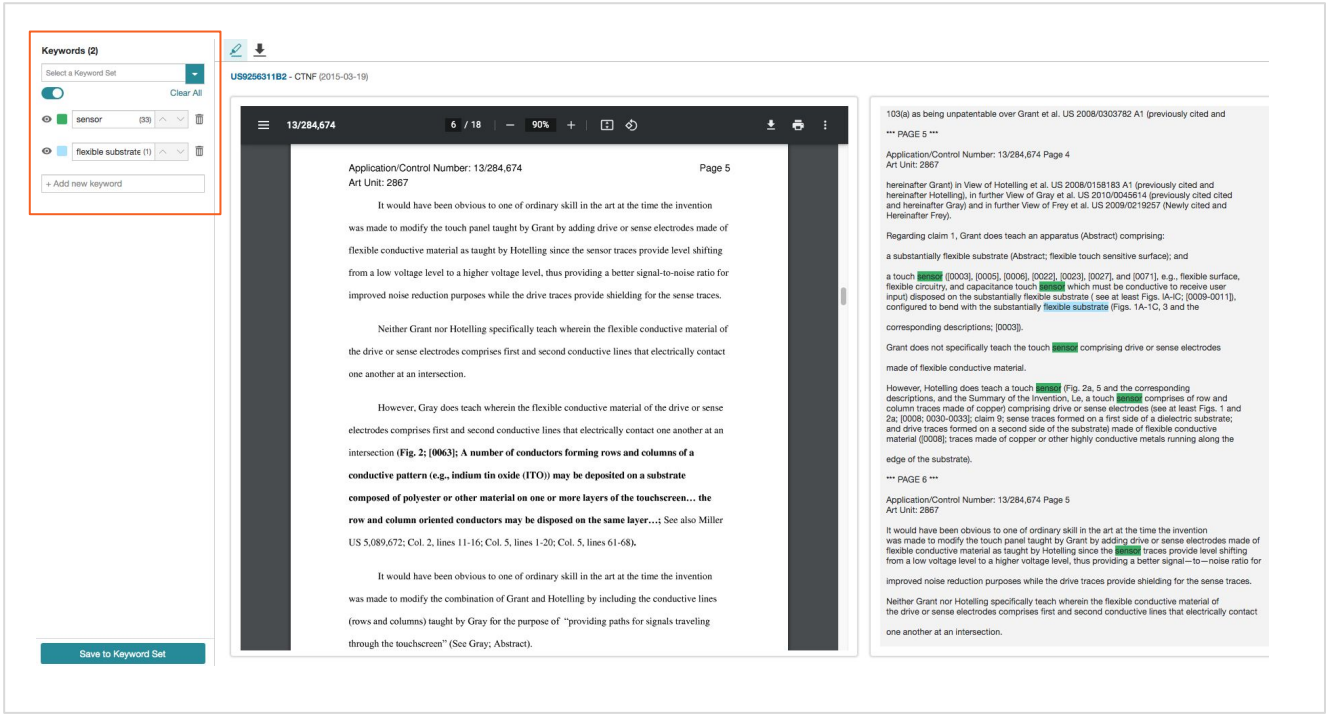
Side by Side: PDF & OCR

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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Patentcloud
Quality Insights

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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