

Fact sheet | Expert Patent Search and Analytics

Build a stronger innovation and patent pipeline

Building an innovation strategy that advances your company's competitive advantage requires reliable insights on technology trends, competitive activity, potential threats, and an in-depth view of the surrounding patent landscape.

The Clarivate™ team of 270+ patent search experts provides the insights that allow the world's most innovative companies to make R&D decisions with confidence.

From in-depth patentability searches, comprehensive technology landscapes and dependable technology monitoring, Clarivate Expert Patent Search and Analytics can help your team accelerate speed to market, improve return on investment, and strengthen its patent pipeline.

- Identify white space and high value opportunities
- Know when competitors are shifting focus or when new threats are emerging
- Focus R&D investment on the highest potential innovation
- Select the right inventions for patent protection

The people, process and technology to deliver the right results

In-depth technical expertise covering all sectors

We match your project to a technical expert with a deep understanding of your technology domain. Our team of 270+ patent searchers covers all technology sectors with 63% of the team holding an advanced degrees (Masters, Ph.Ds).

Table 1: Summary of search expert experience and advanced degrees by technology sector.

	Biotechnology	Chemistry and Materials Science	Computing and Business Methods	Electrical Communications	Electrical Engineering and Physics	Mechanical Engineering
% with Masters or other advanced degree	92	76	56	60	94	51
Average years experience in patent research	10	10	10	9	11	9

Highly experienced patent searchers who understand your objectives

With an average of 10 years experience in patent research, our team knows what it takes to build effective search strategies that meets your objectives. Nearly 1 in 4 of our patent search professionals have formal legal training or have been previously employed as patent examiners, paralegals or patent attorneys.

Proprietary methodology refined over 60 years to deliver outcomes you can trust

The Clarivate patent search team uses a proprietary search process that emphasizes the ingenuity of our patent searchers and applies an iterative, structured approach to deliver outcomes you can trust. Our process brings together machine learning, proprietary search technology and a methodology that has been regularly refined throughout our 60 years of performing patent searches.

Native language searching for more comprehensive results

With a patent search team that is fluent in over 18 total languages, including native speakers in 6 languages, we're able to search quickly and effectively across all major jurisdictions.

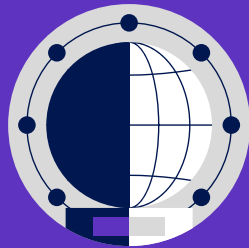
Searches performed using multiple research platforms and databases

Compared to other patent research providers who may only have access to a few databases, we use multiple patent, scientific literature, industry-specific and proprietary databases to deliver comprehensive results. This approach ensures that you receive the most relevant insights from the world's patents, scientific papers, conference proceedings, journal articles, and more.

Table 2: Summary of research platforms and databases available to search team.

Patent search	
Derwent Innovation™	USPTO Examiner Search
Innography™	LexisNexis TotalPatent
incoPat	Minesoft PatBase
China IP Right Net	Questel Orbit Intelligence
INPADOC (DOCDB)	Questel Design Finder
Biological sequence search	
Derwent SequenceBase™	GenBank BLAST
GenomeQuest	
Chemical structure search	
Clarivate Chemistry Research	PubChem
Chemical Abstract Service (CAS)	STN
ChemSpider	SureChEMBL
Scientific literature, journals and conference proceedings search	
Web of Science™	Factivia
ProQuest Dialog	CNKI
ProQuest Dissertations and Theses	IP.com Prior Art
ProQuest eBook Central	PubMed
ACM Digital Library	ScienceDirect
IEEE Xplore	WTi Frankfurt
Engineering Village	
Enhanced patent data	
Derwent World Patents Index™	57M inventive families covering 113M patent publications
GENESEQ™	Manually-captured and indexed sequences from 488k global patents
Darts-ip™ Patent Case Data	Indexed data from 9.2M IP cases from over 4,000 global courts

Expert search and analytics services to build stronger patent pipelines



Patentability search

Identify references that disclose the same or similar inventions with a thorough search of global patent publications and non-patent literature. Determine if claims should be revised and make informed decisions on whether to proceed with a patent filing.



Knock-out search

Compares key features of an invention to relevant prior art in global patent publications and non-patent literature. Evaluate the strength of the invention and determine if claims should be revised to improve patentability.



State of the art search

Provides a summary of prior art and scientific literature in a particular technology sector or subcategory. Understand the current state of innovation and the pace at which it is evolving.



Technology monitoring

On-going monitoring service alerts you when there are new patent filings, citations, or scientific articles published in your technical sector of interest. Scope is based your specific objectives (type of activity, technical domains, jurisdictions, etc.) Monitor your competitors' patent filings, detect new entrants, and see where new filings are focused by jurisdiction and subcategory.



Technology landscape

Provides a holistic analysis of a technical sector, including where top players are focusing their patent filings, where patent activity is increasing or decreasing (by jurisdiction, by subcategory), which players are increasing or decreasing in momentum, and an analysis of patent density and potential white space. Analysis uses a standardized taxonomy, or we apply your taxonomy to provide meaningful, actionable insights. Identify the right opportunities, anticipate potential disruptors, and assess the magnitude and speed of innovation in a particular technology domain.



Competitive analysis and benchmarking

Provides an analysis of one or more companies' patent portfolios and compares the portfolios to your portfolio. Analysis includes an evaluation and comparison of patent strength by technology category, jurisdictional coverage, age of portfolio, filing trends, inventor activity and patent litigation activity. Understand the strengths and weaknesses of your competitors', suppliers' or acquisition targets' patent portfolios.

Figure 1: Example technology dynamic model from technology landscape analysis.

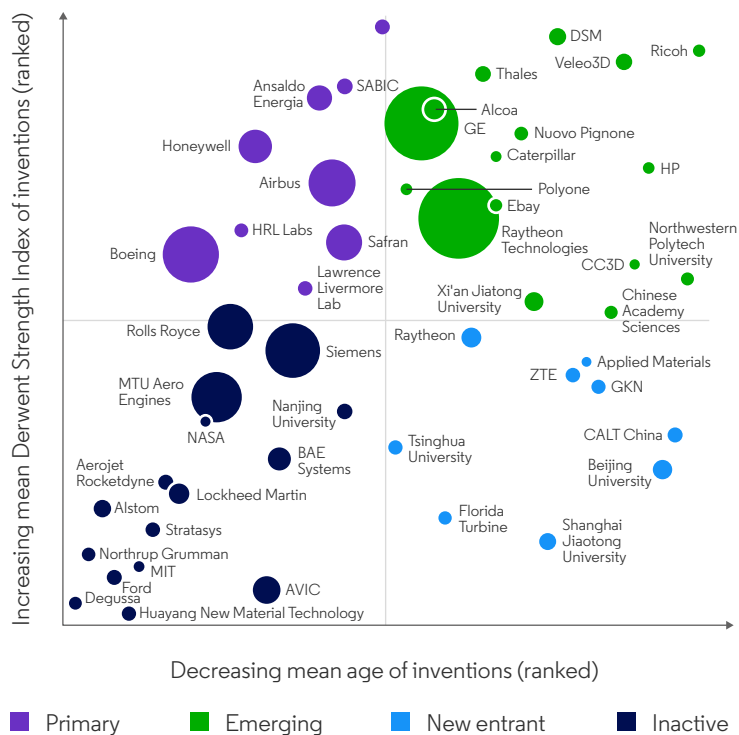


Table 3: Example technology heat map from technology landscape analysis.

		Problems addressed or benefits delivered						
	Technology	Efficiency	Accuracy	Random access	Speed	Stability	Data Security	Density
Encoding	Encoding algorithm	31	19	3	2		4	1
	Bio-constraint	4	9					2
	Error correction	1	12					
	Library	6	4					1
	Codeword / codebook	4	5		1			
	Encryption						6	1
	Identifier	7	2	1				
	Huffman encoding	1	2					2
	Barcoding	3	1					
Synthesis	Ligation	12	1		2			
	Array	1	7		1	1		3
	Solid phase synthesis	6			2			
	Enzymatic synthesis	3	1		1			
	Printing	3						
Reading	Amplification	13	2	12				
	Primer design	10	2	13				
	Nanopore	7	3		2			
	Sequencing	1	8					
	Decoding algorithm	3	5					
	Microfluidics				1			1
Editing	CRISPR	4					2	

Intelligence that powers innovation

Go to market faster. Protect and manage Intellectual Property. Free up your team to focus on strategic outcomes. Clarivate provides the tools and services you need to make informed decisions at speed.

Contact our experts today:

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