

# Lawrence Berkeley National Laboratory

## LBL Publications

### **Title**

Smart Tools for Intellectual Property

### **Permalink**

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### **Author**

Lawrence Berkeley National Laboratory

### **Publication Date**

1995-07-01

# SMART TOOLS FOR INTELLECTUAL PROPERTY

~~AL, JB, CW~~  
**THE FINE  
PRINT** 

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## Keep a worldwide watch on patents, trademarks, and copyrights.

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Professionals in nearly every area of endeavor rely on intellectual property information to conduct their business. They depend on patents, trademarks, and copyrights to provide crucial product, technology, competitive, marketing, and business insights.

The collection of databases on DIALOG® and DataStar<sup>SM</sup> offers a unique blend of comprehensive product and technology coverage, worldwide scope, and powerful searching capabilities. Together, these components provide the most extensive and respected online intellectual property collection available, coupled with the ability/tools to extract the information you need, when you need it.

Scientists, researchers, information professionals, attorneys, and business managers alike choose to search the patent, trademark, and copyright

sources on DIALOG and DataStar. The global patent collection helps them keep an eye on new and emerging technologies, as well as existing products. They can monitor and guard products and services with the international trademark sources. Plus, U.S. copyrights can be consulted for new business ventures, marketing, and product development.

Look through these tables and see how extensive our intellectual property collection is. These tables highlight sources available on DIALOG, DataStar, and the KR Information OnDisc<sup>TM</sup> collection. Notice that these important sources contain all the details you need to answer questions and produce results.

# SMART TOOLS FOR INTELLECTUAL PROPERTY

## PATENT PUBLICATIONS

These sources document patents and published applications worldwide, covering the full range of technologies.

Database Name (DIALOG File #; DataStar acronym)	Availability	Earliest Date	Countries/ Issuing Organizations	Update Frequency	Minimum Number of Records	Published Apps.; Granted Patents	Family Data
<b>PATENT PUBLICATIONS</b>							
APIPAT (353)	D	1964	36	M	244,000+	A, P	
Chinese Patent Abstracts in English (344)	D	1985	China	M	72,000+	P	YES <sup>2</sup>
CLAIMS®/U.S. Patents Abstracts (125, 340) and CLAIMS®/UNITERM (341) <b>Note:</b> Indexing of compounds and A, P+ fragment terms.	D	1950	US	W	2,547,000+	P	YES <sup>2</sup>
Current Drugs Fast-Alert (CPBM, CPBA) <b>Note:</b> Patents within 10 days of availa- bility. UK, EP, US, JA, PCT patents.	DS	1989	Int'l	W	34,500+	A, P	
Derwent World Patents Index (350, 351) <b>Note:</b> Images available online.	D	1963	36	W	7,000,000+	A, P	YES
European Patents Fulltext (348)	D	1978	EPO, PCT	W	674,000+	A, P	YES <sup>2</sup>
IMSworld Patents International (447; IPIP) <b>Note:</b> Trade names; covers 1,000+ drugs.	D, DS	1955	64	M	30,000+	P	YES <sup>2</sup>
INPADOC/Family and Legal Status (345) <b>Note:</b> Best source for patent families, country families.	D	1968	56	W	17,020,000+	A, P	YES
JAPIO (347)	D	1976	Japan	M	4,602,000+	A	
U.S. Patents Fulltext (652, 653, 654)	D	1971 <sup>6</sup>	US	W	1,841,000+	P	YES <sup>2</sup>
<b>PATENT REFERENCES</b>							
CLAIMS®/Citation (220, 221, 222)*	D	1790	US	Q	N/A	P	
CLAIMS®/Reassignment & Reexamination (123) <b>Note:</b> Best source for reassignment information.	D	1980	US	W	493,000+	P	
CLAIMS®/Reference (124) <b>Note:</b> Index to CLAIMS subject classification.	D	Current	US	Q	N/A		
Derwent Patents Citation Index (342)* <b>Note:</b> Extensive cited, citing references.	D	1978	16	W	1,087,000+	A, P	YES

### KEY

**Availability:** D=DIALOG, DS=DataStar  
**Apps/Patents:** A=Published Applications  
P=Granted Patents

Abstracts taken from patent, unless specified as Interpretive ("I").  
Record counts are approximate, and rounded to the nearest thousand.

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Class codes, family data, abstracts, claims, special indexing, and more give you the specifics you need. Through patent reference sources, track the current status of patents, citations to and from other patents, subject classifications, and other key elements for thoroughness.

Legal Status	Cited Patents, References	Enhanced Title	Abstract	Claims	Specification	Class Codes	CAS® Registry Number	Special Indexing
		YES	YES <sup>1</sup>			IPC	YES	Chem. & Controlled
			YES			IPC		
YES <sup>8</sup>	YES	YES	YES	YES		IPC, US	YES <sup>3</sup>	Chem.
			YES			IPC		
	YES <sup>4</sup>	YES	YES			IPC		Chem., Derwent
YES	YES <sup>4</sup>		YES	YES <sup>5</sup>	YES <sup>5</sup>	IPC		
			YES				YES	
YES						IPC, US		
	YES		YES			IPC, JAPIO		
YES	YES		YES	YES	YES	IPC, US		
		YES						
YES			YES <sup>7</sup>					
						US		Chem.
	YES	YES				IPC		Derwent Class

\*These sources are specially designed for patent and reference citation searching.

<sup>1</sup> Searchable; displayable only to subscribers.

<sup>2</sup> Limited patent family data.

<sup>3</sup> Has not been updated in 10-15 years.

<sup>4</sup> WO and EP only.

<sup>5</sup> Beginning mid-1995.

<sup>6</sup> Selective coverage 1971-1973.

<sup>7</sup> Reexamination claims only.

<sup>8</sup> Updated annually.

# SMART TOOLS FOR INTELLECTUAL PROPERTY

## PATENT CITATIONS

For exhaustive patent investigations, nothing beats the patent citation sources on DIALOG and DataStar.

Database Name (DIALOG File #; DataStar acronym)	Availability	Author Cited Literature	Author Cited Patents
CLAIMS®/Citation (220, 221, 222)	D		
CLAIMS®/U.S. Patent Abstracts (125, 340) and CLAIMS®/UNITERM (341)	D		
Derwent Patents Citation Index (342)	D	YES	YES
Derwent World Patents Index (350, 351)	D		
European Patents Fulltext (348)	D		
SciSearch® (34, 434; SCIN, SC86)	D, DS	YES	YES
U.S. Patents Fulltext (654)	D		

### KEY

Availability: D=DIALOG, DS=DataStar

Patent citations, cited references, citing information, and other details are all here:

Examiner Cited Literature	Examiner Cited Patents	Citing Information	Countries/ Issuing Organizations
	YES	YES	US
YES	YES		US
YES	YES	YES	16
	YES <sup>1</sup>		EP, WO
YES	YES		EP
			Int'l
YES	YES	YES	US

<sup>1</sup>EP and WO only.

# SMART TOOLS FOR INTELLECTUAL PROPERTY

## INDUSTRY-SPECIFIC PATENT TECHNOLOGY

These sources contain bibliographic information from the patent literature.

Database Name (DIALOG File #; DataStar acronym)	Availability	Data Type	Earliest Date	Update Frequency
<b>AGRICULTURE, FOOD SCIENCE</b>				
AGRIS International (203)	D	A	1975	M
CAB ABSTRACTS (50; CABI, VETS)	D, DS	A	1972	M
Food Science and Technology Abstracts (51; FSTA)	D, DS	A	1969	M
Foods Adlibra™ (79)	D	I, A <sup>3</sup>	1974	M
<b>CHEMISTRY, CHEMICAL INDUSTRY</b>				
Beilstein Online (390) <b>Note:</b> Chemical structures and factual data.	D	F, H	1779	Irr.
CA SEARCH® (399, 308-313; CHZZ)	D, DS	I	1967	BiW
Chemical Engineering and Biotechnology Abstracts (315; CEAB)	D, DS	A	1971	M
Kirk-Othmer Online (302; KIRK)	D, DS, CD	F	1984	Irr.
PAPERCHEM (240)	D	A	1967	M
Polymer Online (322)	D, CD	F	1985	Irr.
RAPRA Abstracts (323; RAPR) <b>Note:</b> Covers trade names.	D, DS	A	1972	BiW
<b>ENERGY</b>				
Aerospace Database (108)	D, CD	A	1962	M
Energy Science & Technology (103) <b>Note:</b> IPC from 1989 forward.	D, CD	A	1974	BiW
Nuclear Science Abstracts (109) <b>Note:</b> Closed file, coverage of older patents.	D	I, A <sup>3</sup>	1948-1976	N/A

**KEY**  
**Availability:** D=DIALOG, DS=DataStar, CD=CD ROM  
**Data Type:** A=Abstracts, F=Fulltext, H=Handbook, I= Index

**Update Frequency:** W=Weekly, M=Monthly, BiW= Biweekly, BiM= Bimonthly,  
 SemiM= SemiMonthly, Irr.= Irregular  
 Number of records is approximate and rounded to the nearest thousand.



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Did you know that we have enhanced our intellectual property offerings even more?

For expanded citation searching, we have added the Derwent Patents Citation Index to our collection.

A new report capability between CLAIMS®/U.S. Patent Abstracts and U.S. Patents Fulltext enables you to zero in on the full text of a patent you have identified through a CLAIMS search, effortlessly.

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To help you make the most of your patent, trademark, and copyright research on DIALOG and DataStar, we have enclosed the new guide, "Smart Tools for Intellectual Property." It highlights key details that can help you select the sources that will be most beneficial for each project you undertake.

You can depend on Knight-Ridder Information to continue to deliver just the intellectual property information you need, when you need it, through DIALOG, DataStar, KR SourceOne, and KR Information OnDisc™.

Sincerely,

Libby Trudell  
Vice President, Product Management and Marketing

P.S. Look for more good news about our intellectual property collection in the coming months.

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## Unlocking research, technologies, products, creativity

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Open windows on the worlds of R&D, new technologies, new products, and creative developments in any industry with intellectual property information. The latest patent, trademark, and copyright details can give you the insights you need to get ahead.

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✓ **Increase the likelihood of registering your invention, work, product, or service**

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✓ **Ensure your technology is state-of-the-art**

- Identify related inventions to confirm novelty.
- Avoid duplication, saving time and money in costly litigation.
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✓ **Maintain your competitive edge and build a stronger position**

- Uncover clues to competitors' strategies and direction through patents and trademarks for products in development.

- Anticipate product/service moves that can affect your plans.
- Avoid errors and ill-fated product development.

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- Increase your productivity by capitalizing on prior work.

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- Watch for possible infringement.
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- Manage trademark registration and maintenance.
- Support litigation and strengthen your case.

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- International trademarks
- U.S. copyrights and mask work registrations
- Design images for U.S. trademarks
- Online patent images
- Document delivery of fulltext patents with graphics via KR SourceOne<sup>SM</sup>
- News on litigation, settlements
- Regulations

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Numerous industry sources are rich in patent information and references, covering technologies that are key to specific fields.

Minimum No. of Records	% patent records	Class Codes	CAS® Registry Number	Standard PN field	Controlled Vocabulary
1,475,000+	0.6	IPC			YES
3,086,000+	0.4		YES		YES
489,000+	10.5				YES
249,000+	8.6				
6,546,000+	6+		YES	YES	YES
12,129,000+	16	IPC	YES	YES	YES
357,000+	7			YES	YES
41,000+	5 <sup>1</sup>		YES	YES	
353,000+	39	IPC,US		YES	YES
13,000+	41 <sup>2</sup>			YES	
468,000+	4.8	IPC		YES	YES
2,020,000+	0.5				
3,268,000+	5	IPC			YES
944,000+	3				YES

<sup>1</sup> 5% of records cite a total of 36,000 patents.

<sup>2</sup> 41% of records cite total of 12,000 patents.

<sup>3</sup> Not all references contain abstracts.

# SMART TOOLS FOR INTELLECTUAL PROPERTY

## INDUSTRY-SPECIFIC PATENT TECHNOLOGY (cont'd)

Database Name (DIALOG File #; DataStar acronym)	Availability	Data Type	Earliest Date	Update Frequency
<b>MEDICAL, BIOSCIENCES</b>				
BIOSIS Previews® (5,55; BIZZ) <b>Note:</b> Patents for 1986-89 only.	D, DS	A	1986	W
Current Biotechnology Abstracts (358; CUBI)	D, DS	A	1983	M
Derwent Biotechnology Abstracts (357;DWBA)	D, DS	A	1982	M
IMSworld R&D Focus (445; IPNR, IPNA, IPUR)	D, DS	F	1991	M
Life Sciences Collection (76)	D	A	1978	M
<b>SCIENCE, TECHNOLOGY, ENGINEERING</b>				
Aluminium Industry Abstracts (33)	D	A	1968	M
Ceramic Abstracts (335)	D	A	1976	BiM
Engineered Materials Abstracts® (293) <b>Note:</b> Covers trade names; material class codes, names.	D, CD	A	1986	M
Information Science Abstracts (202)	D	A	1966	M
INSPEC (2, 3, 4; INZZ) <b>Note:</b> Patents for 1969-76 only.	D, DS	A	1969	BiW
METADEX® (32; META)	D, DS, CD	A	1966 <sup>4</sup>	BiW <sup>7</sup>
NTIS (6; NTZZ)	D, DS, CD	A	1964	BiW
Packaging Science and Technology Abstracts (252;PSTA)	D, DS	A	1982	BiM
Pascal (144)	D	I, A <sup>3</sup>	1973	M <sup>5</sup>
PIRA (Packaging, Paper, Printing, and Nonwovens Abstracts) (248; PIRA) <b>Note:</b> Covers trade names.	D, DS, CD	A	1975	BiW

### KEY

**Availability:** D=DIALOG, DS=DataStar, CD=CD ROM

**Data Type:** A=Abstracts, F=Fulltext, H=Handbook, I= Index

**Update Frequency:** W=Weekly, M=Monthly, BiW= Biweekly,  
BiM= Bimonthly, SemiM= SemiMonthly, Irr.= Irregular  
Number of records is approximate and rounded to the nearest thousand.

Minimum No. of Records	% patent records	Class Codes	CAS® Registry Number	Standard PN field	Controlled Vocabulary
9,716,000+	0.3	US		YES	
69,000+	28			YES	
177,000+	30			YES	YES
13,000+	19		YES		
1,720,000+	1			YES	
188,000+	10.4				YES
158,000+	25.7				
149,000+	17			YES	YES
173,000+	4.4			YES	YES
4,987,000+	0.4				YES
1,014,000+	2.7				YES
1,826,000+	2.3		YES		
37,000+	17.3				
10,600,000+	0.05	IPC		YES	YES
363,000+	14.2			YES	

<sup>1</sup> 5% of records cite a total of 36,000 patents.  
<sup>2</sup> 41% of records cite total of 12,000 patents.  
<sup>3</sup> Not all references contain abstracts.

<sup>4</sup> Varies by subfile.  
<sup>5</sup> Except August.  
<sup>6</sup> Database references patent citations.

<sup>7</sup> As of July 1, 1995.

# SMART TOOLS FOR INTELLECTUAL PROPERTY

## INDUSTRY-SPECIFIC PATENT TECHNOLOGY (cont'd)

Database Name (DIALOG File #; DataStar acronym)	Availability	Data Type	Earliest Date	Update Frequency
SciSearch® (34,434; SCIN, SC86) <b>Note:</b> Indexes journal papers that cite patents.	D, DS	I, A	1974	W
SPIN® (62)	D	A	1975	M
Textile Technology Digest (119) <b>Note:</b> Patents included up to 1985.	D	A	1978	M
World Textiles (67)	D	A	1970	M
World Translations Index (295)	D I 1979	M	401,000	8.2

### KEY

**Availability:** D=DIALOG, DS=DataStar, CD=CD ROM

**Data Type:** A=Abstracts, F=Fulltext, H=Handbook, I= Index

**Update Frequency:** W=Weekly, M=Monthly

Number of records is approximate and rounded to the nearest thousand.

## OTHER SOURCES OF INDUSTRY-SPECIFIC PATENT TECHNOLOGY INFORMATION

- Energy Science and Technology (File 103)
- Foods Adlibra™ (File 79)
- Food Science and Technology Abstracts (File 51; FSTA)
- Nuclear Science Abstracts (File 109)

Minimum No. of Records	% patent records	Class Codes	CAS® Registry Numbers	Standard PN field	Controlled Vocabulary
13,697,000+	N/A <sup>6</sup>				
642,000+	1.2				
223,000+	7.5			YES	
200,000+	34				
		YES			

<sup>6</sup> Database references patent citations.

In addition to the key sources listed in the table above, these industry databases contain references to patents:



# SMART TOOLS FOR INTELLECTUAL PROPERTY

## TRADEMARKS AND COPYRIGHTS

Comprehensive trademark and copyright sources help you to screen, register and protect your intellectual property.

Database Name	Availability	Active Records	Inactive Records from
TRADEMARKSCAN® - AUSTRIA (File 662)	D	All	1989
TRADEMARKSCAN® - BENELUX (File 658)	D	All	1989
TRADEMARKSCAN® - CANADA (File 127)	D	All	1978
TRADEMARKSCAN® - DENMARK (File 659)	D	All	1992
TRADEMARKSCAN® - FRANCE (File 657)	D	All	1989
TRADEMARKSCAN® - GERMANY (File 672)	D	All	1989
TRADEMARKSCAN® - INTERNATIONAL REGISTER (WIPO) (File 671)	D	All	1989
TRADEMARKSCAN® - ITALY (File 673)	D	All	1989
TRADEMARKSCAN® - LIECHTENSTEIN (File 677)	D	All	N/A
TRADEMARKSCAN® - MONACO (File 663)	D	All	1989
TRADEMARKSCAN® - SWITZERLAND (File 661)	D	All	1989
TRADEMARKSCAN® - U.K. (File 126)	D	All	1983
TRADEMARKSCAN® - U.S. FEDERAL (File 226)	D, CD	All	1984
TRADEMARKSCAN® - U.S. STATE (File 246)	D, CD	All	Dec. 1986
U. S. Copyrights (File 120)	D	1987	

### KEY

Availability: D=DIALOG, CD=CD ROM

Pending and registered international trademarks and service marks, as well as US copyright and mask-work registrations can be located in minutes.

Update Frequency	Countries Covered	Goods & Services Descr.	Images	
M	1			
M	1	YES		
W	1	YES		
M	1	YES		
M	1	YES		
M	1	YES		
M	40+	YES		
M	1	YES		
M	1			
M	1			
M	1			
W	1	YES		
W <sup>1</sup>	1	YES	YES	
W	1	YES		
W	1			

<sup>1</sup> Weekly updates for both bibliographic and image data.

# SMART TOOLS FOR INTELLECTUAL PROPERTY

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## *OTHER SOURCES OF TRADEMARK AND INTELLECTUAL PROPERTY INFORMATION*

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- BNA Daily News from Washington (File 655)
- Brands and Their Companies (File 116)
- Federal Register (File 669)
- First Release® (File FIRST)
- IMSworld R&D Focus (File 445; IPNR, IPNA, IPUR) contains patent licensing information; CL= Country available for licensing.

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Supplement your trademark and intellectual property research with news, analysis, litigation details, and more using the following sources:

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- Legal Resource Index™ (File 150; LAWS)
- Newsletter Database™ (File 636; PTBN)
- NTIS (File 6; NTZZ) contains U.S. published patent applications assigned to U.S. government agencies
- PAPERS (File PAPERS)
- PROMT® (File 16; PTZZ)

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