PaperBase

Description

PaperBase includes information on all aspects of the pulp, paper and nonwovens industries, from raw materials to finished products, including energy, recycling and other environmental issues, company news and in depth profiles, market information and statistics. PaperBase also follows the innovations in the fields of new materials and biorefining.

Subject Coverage

- Biotechnology
- Coating and finishing
- Company information
- Instrumentation and control
- Machinery and equipment
- Market information and statistics
- Non-wood fibers, byproducts
- Papermaking
- Pulping
- Raw materials
- Recycling and wastepaper
- Testing
- Water and effluent
- Wood

Use PaperBase to answer questions like:
- What are the most recent innovations in the use of lignin as a precursor for carbon fibre?
- Has there been any growth in markets, and changes in technology, concerning the dissolving of pulps?
- How are the world's paper companies embracing various nanocellulose applications?
- What developments are occurring within the pulp and paper industry to deal with energy efficiency?
- What's new in 3D printed cellulose based materials?

Date Coverage
1975 - 2020

Update Frequency
Closed

Geographic Coverage
International

Document Types
- Books and Monographs
- Conferences, Symposia, Meetings
- Journal Articles
- Standards
- Newspaper Articles
- Patents (Imaging Abstracts only)

Publisher

PaperBase is a joint venture and partnership of the world's leading pulp and paper research institutes: CTP (France) and INNVENTIA (Sweden).

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Citation/Abstract « Back to results

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TI — Transforming your sludge into a resource

AU / AUFN,AULN — Ketels, O. **Revue du Papier Carton** Innventia AB. (Nov 2013 - Dec 2013)

⊟ **Abstract (summary)**   Translate

AB — Waste to energy or waste to fuel is a rapidly accelerating principle within the paper manufacturing industry. In France, Sical, part of the Rossman group, has been recovering residues from its pulpers for several years for use as boiler fuel. Saica's Gaves d'Orthez mill does likewise, as does UPM Chapelle Darblay, since 2013. Other paper manufacturers showing interest are Mondi and the Canadian company Cascades. The German company Bellmer Kufferath has developed a range of screw presses for dewatering and thickening sludges from different stages in the process. Akupress AX can transform pulper waste and obtain an average yield of 17MJ per kg from OCC, sufficient to fuel a cement facility or a co-generation plant. The French company Ideal Technologies, in Rambouillet, has developed a machine, which was demonstrated at the Pollutec conference in Paris, December 2013. The machine, Revolution, can dewater waste to increase dryness by 30%, achieving a rate of 75%-85% dry content. This gain can in itself cover the cost of the machine. It is possible to go further and grind the thickened waste, calibrating it for its use (incineration, use in a biomass boiler, or conditioning to pellets). The grinding line regulates the specified properties: size, dryness and maximum tolerated chlorine content. (1 fig)

⊟ **Indexing (details)**   📄 Cite

SU	Subject	biomass; energy production; new equipment; sludge; sludge dewatering
CC	Classification	1270: Water effluent, effluent treatment and air 1290: Energy
TN	Product tradename	Revolution
CO	Company	Ideal Technologies
TI	Title	Transforming your sludge into a resource
AU	Author	Ketels, O
LA	Language	French
SL	Language of abstract	English
DTYPE	Document type	Journal article
PUB	Publication title	Revue du Papier Carton
SRC	Source details	no. 119, Nov.-Dec. 2013-Jan. 2014, p. 41
ISSN	ISSN	0031-1367
	Publication type	Journal article
PSTYPE	Publication type	
PD,YR	Publication date	Nov 2013 - Dec 2013
	Source attribution	PaperBase, © Publisher specific
AN	Accession number	264329
	Document URL	http://search.proquest.com/professional/docview /1510359855?accountid=137296
FAV	First available	2014-03-27
UD	Updates	2014-03-27
	Database	Paperbase (1975 - current)

Search Fields

Field name	Field code	Example	Description and Notes
Abstract	AB	ab(nutraceutical markets) ab("ink jet" or inkjet)	Use adjacency and/or Boolean operators to narrow search results.
Abstract present	ABANY	su(digital printing) AND abany(yes)	Add: *AND ABANY(YES)* to a query to limit retrieval to records with abstracts.
Accession number	AN	an(265972)	A unique document identification number assigned by the information provider.
All fields	ALL	all(uv curable ink)	Searches all fields. Use proximity and/or Boolean operators to narrow search results.
All fields	--	uv curable ink	Same as 'ALL' field code; searches all fields.
Author[1] Author First Name Author Last Name	AU AUFN AULN	au(hershey, j m) aufn(j m) auln(Hershey)	Includes all authors.
First author	FAU	fau(bowdler a)	First name listed in Author field. It is included in Author browse, but its position cannot be specified in the Author browse.
Author affiliation	AF	af("pratt industries") af(univ* british columbia)	
Classification[1]	CC	cc(1290) cc(energy)	Number or name can be searched. You can also search with CL.
Company	CO	co(ideal technologies)	
Document title	TI	ti(Leading the way in short-run offset)	Adjacency and Boolean operators are supported.
Document type	DTYPE	dtype(article) dtype(conference)	
First available	FAV	fav(2014-03-27)	Date on which a record was first loaded on Dialog. May have been subsequently updated.
From database[2]	FDB	"flexographic printing" AND fdb(paperbase) "flexographic printing" AND fdb(1008239)	Useful in multi-file searches to isolate records from a single file. FDB cannot be searched on its own; specify at least one search term then AND it with FDB.

Field name	Field code	Example	Description and Notes
ISSN	ISSN	issn(0031-1367) issn(00311367)	Use of hyphens is optional.
Language	LA	la(french)	Language of original publication; all abstracts are in English.
Summary language	SL	sl(english)	Summary language
Location[1]	LOC	loc(north america) loc(china)	Locations are country names.
Note	NT	nt(0606)	Includes PIRA issue date.
Product tradename	TN	tn(revolution)	
Publication date	PD	pd(2013) pd(201311)	
Publication title[1]	PUB	pub("revue du papier carton")	Many publication names are abbreviated; use of Look up / Browse is recommended.
Publication year	YR	yr (2014) yr(2011-2012)	PY can also be used.
Publisher	PB	pb("institut polytechnique de grenoble")	
Source	SRC	src("p 41" AND "no 119") src(chichester PRE/2 "john wiley")	Contains volume, issue, year, page, conference information.
Subject[1]	SU	su("south africa") su(recycl* and legislation)	SU retrieves data from multiple fields including *Subject*, *Classification*, *Company*, and *Location*.
Main subject	SUBT	subt("sludge dewatering")	SUBT retrieves data from the *Subject* display field only
Updated	UD	ud(2014-03-27)	Date(s) when updates provided by the supplier were available on Dialog.

[1] A Lookup/Browse feature is available for this field in the Advanced Search dropdown or in Browse Fields.
[2] Click the "Field codes" hyperlink at the top right of the Advanced Search page. Click "Search syntax and field codes", then click on "FDB command" to get a list of database names and codes that can be searched with FDB.

Search Tools

Field codes are used to search document fields, as shown in the sample document. Field codes may be used in searches entered on the **Basic Search**, **Advanced Search**, and **Command Line** search pages. **Limit options**, **Look up lists**, and **"Narrow results by" filters** tools are available for searching. Some data can be searched using more than one tool.

Limit Options

Limit options are quick and easy ways of searching certain common concepts**.** A check box is available for:

Abstract included

Short lists of choices are available for:

Document type, Language

Date limiters are available in which you can select single dates or ranges for date of **publication** and **updated**.

Browse Fields

You can browse the contents of certain fields by using Look up lists. These are particularly useful to validate spellings or the presence of specific data. Terms found in the course of browsing may be selected and automatically added to the Advanced Search form. Look up lists are available in the fields drop-down and in the search options for:

Author, Classification code, Location, Subject

in the fields drop-down only for:

Publication title

"Narrow Results By" Filters

When results of a search are presented, the results display is accompanied by a list of "Narrow results by" options shown on the right-hand panel. Click on any of these options and you will see a ranked list showing the most frequently occurring terms in your results. Click on the term to apply it to ("narrow") your search results. "Narrow results by" filters in PaperBase include:

Author, Document type, Language, Publication title, Subject, and Publication date

Look Up Citation

If you need to trace a particular bibliographic reference, use the Look Up Citation feature. Find a link to this toward the top left of the Advanced Search page, or in the drop list under Advanced on any search form; click this and you will go to a form where you can enter any known details of the citation, including Document title, Author, Publication title, ISSN, ISBN, Volume, Issue, Page, Publication date, DOI.

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Document Format	Fields	Online	Export/ Download
Brief view	Title and Publication date.	✓	
Detailed view	**Brief view** plus a 3-line KWIC window.	✓	
KWIC (Keyword in Context)	**Detailed view** plus all occurrences of your search term highlighted in the field(s) where the terms occur.	✓	✓
Preview	**Detailed view** plus Author, Publication title, Subject, and fields where the search term highlighted is found.	✓	
Brief citation	Complete record minus the Abstract and indexing.	✓	✓
Citation	Complete record minus the Abstract.	✓[1]	✓
Citation/Abstract	Citation and Abstract		
Custom	Choose the fields you want.		✓[2]

[1] In Online-view mode, Dialog gives access to two Document Formats only: Brief citation, and the 'most complete' format available. Depending on the database, or the amount of data available for a record, the most complete format may be any one of Citation, Citation/Abstract, Full text, or Full text – PDF.

[2] Custom export/download format is available in the following mediums only: HTML, PDF, RefWorks, RTF, Text only, XLS.

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