

Materials Business File

FILE DESCRIPTION

Materials Business File covers industry news, product and process developments, plant development and construction, international trade data, government regulations, and management issues related to industries covered by other CSA Technology Research Database (TRD) subfiles.

Begun in 1985 as an alerting service, the database now serves also as a historical business/industry reference. As of 2004, its coverage has been expanded to include business and industry information across the full scope of CSA's TRD and is no longer limited to the materials processing industries.

SUBJECT COVERAGE

Major areas of coverage include:

- Alloy and Material Developments
- Company Information
- Economics
- Energy Usage
- Engineering, Control and Testing, Machinery
- Environmental Issues
- Fuel and Raw Materials
- Health and Safety Issues
- Management, Training, Regulations
- New Materials Development
- Plant Developments and Descriptions
- Product Process Applications
- Recycling
- World Industry News

SOURCES

The **Materials Business File** database includes information abstracted from more than 3,000 trade journals, scientific and technical journals, government reports, conference proceedings, and other publications.

TIPS

USE FILE 269

to search for comprehensive information on materials business.

USE /TI AND /DE

for precise subject searching:

S LIFE(W)CYCLE(W)ENGINEERING/TI,DE

USE SUBJECT HEADINGS or

SUBJECT HEADING CODES

to narrow a search to a topic.

S RAW(W)MATERIALS/SH

S SC=G1

USE RANK

to find experts working in an area of interest.

S KINETIC ENERGY

RANK AU

DIALOG FILE DATA

Inclusive Dates: 1985 to the present

Update Frequency:

Monthly (Approx. 1,000 records per update)

File Size: More than 200,000 records as of July 2005

CONTACT

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SAMPLE RECORD

DIALOG(R)File 269:Materials Business File
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AA= 0000207139 IP ACCESSION NO: 200506-G9-05634
/TI IT Standardization: The Billion Dollar Strategy

AU= Hurd, John; Isaak, Jim
CS= Southern New Hampshire University, USA

JN=,SO= International Journal of IT Standards and Standardization Research, v 3, n
1, p 68-74, Jan.-June 2005
PY=,PD= PUBLICATION DATE: 2005

PU= PUBLISHER: Idea Group Inc., 701 E. Chocolate Ave., Suite 200, Hershey, PA,
17033-1240
CP= COUNTRY OF PUBLICATION: USA
PUBLISHER URL: <http://www.idea-group.com>
PUBLISHER EMAIL: cust@idea-grop.com

DT= DOCUMENT TYPE: Journal Article
RT= RECORD TYPE: Abstract
LA= LANGUAGE: English
SN= ISSN: 1539-3062
NO. OF REFS.: 8
FS= FILE SEGMENT: Materials Business File

/AB ABSTRACT:
This article summarizes key incentives for vendors, users, government and individuals to participate in the standardization process. It argues that standards can expand markets at all points in the market life cycle, with overall impact measured in billions of dollars. The authors hope to encourage standards involvement, and also future research and analysis that might quantify the financial value of standardization for vendors and users.

/DE DESCRIPTORS: Standardization; Marketing; Information systems; Life cycle engineering; Incentives
SC=,SH,SH= SUBJ CATG: G9, World Industry News, Company Information, General Issues

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S SOLID(W)WASTE
/AB	AB	Abstract	Word	S INCENTIVES(1W)VENDORS/AB
/DE	DE	Descriptor ¹	Word & Phrase	S INFORMATION(W)SYSTEM?/DE S LIFE CYCLE ENGINEERING?/DE
/ID	ID	Identifier	Word & Phrase	S ATOFINA/ID S TORAY INDUSTRIES/ID
/SH	SH	Subject Category ²	Word	S WORLD(W)INDUSTRY(1W)NEWS/SH
/TI	TI	Title	Word	S IT(W)STANDARDIZATION/TI

¹ Also /DF.

² Searchable in the Basic Index and in the Additional Indexes.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AA=	AA	CSA Accession Number	Phrase	S AA=200506-G9-05634
AU=	AU	Author	Phrase	S AU=HURD, JOHN?
—	AZ	DIALOG Accession Number		
BN=	BN	International Standard Book Number (ISBN)	Phrase	S BN=0-8247-4064-5 S BN=0824740645
CD=	CD	Conference Date	Phrase	S CD=200501?
CL=	CL	Conference Location	Word	S CL=(SAN(W)DIEGO)
CP=	CP	Country of Publication	Phrase	S CP=GERMANY S CP=NEW ZEALAND
CS=	CS	Corporate Source	Word & Phrase	S CS=(SOUTHERN(W)NEW(W)HAMPSHIRE) S CS=SOUTHERN NEW HAMPSHIRE UNIVERSITY?
CT=	CT	Conference Title	Word	S CT=(TRANSACTIONS(2W)AMERICAN(1W)FOUNDRY)
CY=	CY	Conference Year	Phrase	S CY=2004
DT=	DT	Document Type	Phrase	S DT=JOURNAL ARTICLE
FS=	FS	File Segment	Phrase	S FS=MATERIALS BUSINESS?
—	II	Digital Object Identifier		
JN=	JN	Journal Name	Phrase	S JN=INTERNATIONAL JOURNAL OF IT STANDARDS?
LA=	LA	Language	Phrase	S LA=ENGLISH
MC=	MC	Materials Classification	Phrase	S MC=ALUMINUM BASE ALLOY?
ML=	ML	Materials	Phrase	S ML=ALULIGHT S ML=AL-3MG?
NO=	NO	Document Number	Word & Phrase	S NO=(89(W)117) S NO=89-117
—	NR	Number of References		
—	NT	Note		
PD=	PD	Publication Date	Phrase	S PD=200506?
PU=	PU	Publisher	Word	S PU=(WILEY(W)VCH(W)VERLAG)
PY=	PY	Publication Year	Phrase	S PY=2005
RN=	RN	Report Number	Word & Phrase	S RN=5385 S RN=SPIE VOLUME 5385
RT=	RT	Record Type	Phrase	S RT=ABSTRACT
SC=	SC	Subject Category	Phrase	S SC=G9
SH=	SH	Subject Category Text ²	Phrase	S SH=WORLD INDUSTRY NEWS?
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=1539-3062
SO=	SO	Source Information	Word	S SO=(STANDARDIZATION(W)RESEARCH)
UD=	—	Update	Phrase	S UD=9999

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SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP, HELP CURRENT online.

LIMIT	/ABS -- Record has an Abstract /NOABS -- Record is a Citation Only Record /YYYY -- Publication Year	S S1/ABS S S2/NOABS S S3/2004
SORT	AA, AU, CS, JN, PY, TI	SORT S3/ALL/PY/D SORT S1/ALL/TI
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK DE RANK AU S4
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 269 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields
5	--	Full Record
6	Short	Title and Publication Year
7	Long	Bibliographic Citation and Abstract
8	Free	Title, Indexing, and Publication Year
9	Full	Full Record

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/AU,TI/1-5 PRINT S2/TI,AB/ALL
TAG	Output can be displayed with tags identifying each display field.	TYPE S2/5/1-5 TAG PRINT S3/9/ALL TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 0726149/5 DISPLAY 0074483/AU,TI PRINT 0301964/9

FOR ONLINE HELP:

See HELP FIELDS 269 for searchable fields; HELP FORMAT 269 for output formats; HELP LIMIT 269 for limits; HELP RATES 269 for cost information; HELP SORT 269 for sorts.