



ENGINY20

INSPEC – Step 1



To access Engineering Village (Ei Compen

- Use the login form below for Athens, Shibboleth (Instit
- Contact your institution's Engineering Village administ
- You may be able to gain access through your library's

If you are asked to provide your IP address to our [Customer C](#)

Login

(*=required fields)

BRGF





INSPEC – Step 2



Search | Selected records | Settings | Tags & Groups

Quick Search

Expert Search

Thesaurus Search

Search History (0)

DATABASE

☐ All ☐ Compendex ☒ Inspec ☐ PaperChem

SEARCH FOR

AND

in

All fields

AND

in

All fields

AND

in

All fields

ADVANCED OPTIONS

Turn Off AutoSuggest | Add search field | Search

Browse Indexes

- Author
- Author affiliation
- Controlled term
- Source title
- Publisher
- IPC Code

Latest Resources

More Sources

Interactive Equations and Tools

Powered by Knovel

When consulting Inspec we recommend to deselect the other databases (Compendex and PaperChem) to avoid noise.



ENGINY20

INSPEC – Step 3

Quick Search | Expert Search | Thesaurus Search

DATABASE ☐ All ☐ Compendex ☒ Inspec ☐ PaperChem

SEARCH FOR

AND in
AND in
AND in

LIMIT TO

All document types
All treatment types
All disciplines
All languages
☒ 1969 TO 2013
☐ 1 Updates

SORT

☒ R ☐ A

Search history

Combine	Search	Results	Database	Delete
You have not performed any searches in this session				

[View Saved Searches](#)

Browse Indexes

- Author
- Author affiliation
- Controlled term
- Source title
- Publisher
- IPC Code

Latest Resources

- [Here's what's new](#)
- [Training videos](#)
- [More videos](#)
- [Tell us what you think](#)

More Search Sources

- Espacenet
- IHS Standards
- LexisNexis News
- Scirus
- USPTO

Note: This Search history will contain the latest 50 searches you perform in this session.

Browse the menu of search fields, Check the limits you can set in your query

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INSPEC – Step 4

SORT BY ⓘ

☒ Relevance ☐ Publication year

☐ Autostemming off

Search Reset

Stemming determines the suffixes of words and allows you to search for the term as entered, the root word, and other words formed with other possible suffixes.

For example, if you enter the term controllers, you get results for:
Controllers, control, controlling, controlled, controls

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INSPEC – Indexes

Engineering Village - Quick Search

Fitxer Edita Visualitza Historial

SBDocs - Intranet de la Biblioteca Rec

www.engineeringvillage2.org/

Més visites Catàleg de les Bib

Engineering Village

Search | Selected records

Quick Search Expert

DATABASE ☐ All ☒ C

SEARCH FOR

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LIMIT TO **1**

All docum

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1969

1

Search history **1**

Combine Search

You have not performed any sear

Engineering Village - Browse Index - Lookup AUS - Mozilla Firefox

www.engineeringvillage2.org/controller/servlet/Controller?CID=lookupIndexes&database=38&lookup

Search for: A Find Selected index: Author

Click on letter below to browse index:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Aa Ab Ac Ad Ae Af Ag Ah Ai Aj Ak Al Am An Ao Ap Aq Ar As At Au Av Aw Ax Ay Az

Select terms below to add to search

Connect terms with: ☐ AND ☒ OR Next page >

- ☐ A (Compendex)
- ☐ A ABDULLIN SH (Compendex)
- ☐ A ADAMS JUDITH (Compendex)
- ☐ A AL-TURAIGI MOHAMMED (Compendex)
- ☐ A ARNDT R.E. (Compendex)
- ☐ A AZIZ A RASHID (Compendex)
- ☐ A BAIG, M. (Inspec)
- ☐ A BECCAN, S. (Inspec)
- ☐ A BECCARA S. (Compendex)
- ☐ A BECCARA, S. (Inspec)
- ☐ A BERG, T. (Inspec)
- ☐ A BIRANG M. (Compendex)
- ☐ A BRASSARD L. (Compendex)
- ☐ A BRASSARD LOTHAR (Compendex)
- ☐ A BRASSARD, L. (Inspec)
- ☐ A BU-LIZI (Compendex)
- ☐ A BURCAT (Compendex)
- ☐ A CAMPO MARCUS (Compendex)
- ☐ A CAMPO, M. (Inspec)
- ☐ A CHEN WANG (Inspec)
- ☐ A CHENG WANG (Inspec)
- ☐ A CHENG WU (Inspec)
- ☐ A CHUNYAN CHEN (Compendex)
- ☐ A COOK (Inspec)
- ☐ A COUCOULAS (Compendex)
- ☐ A CUMMINGS (Inspec)
- ☐ A CURA DI CHIARA LUPI (Inspec)
- ☐ A CURA DI GIORGIO SPARACINO (Inspec)
- ☐ A D F HERRING (Inspec)

triple : New Oxford American Dictionary ...

iee

anet de l... Treballs academics UP...

Register | Login | End Session

Help | Ask an expert

Browse Indexes

- Author
- Author affiliation
- Controlled term
- Source title
- Publisher

Latest Resources

- Here's what's new
- Training videos
- More videos
- Tell us what you think

More Search Sources

- Espacenet
- IHS Standards
- LexisNexis News
- Scirus
- USPTO



INSPEC – Search results

Quick Search
9234 articles found in Inspec for 1969-2013: **((power converter) WN TI)**
[New Search](#) [Edit](#) [Save Search](#) [Create Alert](#) [RSS feed](#) [Search history](#)

Display: 25 results per page Go to page: 1 of 370 [Go](#) | [Next >](#)

Refine results

Limit to

Exclude

Add a term

Author

☐ Nakagaki, M. (41)

(69)

☐ Singh, B. (54)

☐ Van, Wyk J. D. (51)

☐ Blaabjerg, F. (48)

[View more](#)

Author affiliation

☐ Coll. Of Electr. Eng., Zhejiang Univ., Hangzhou (54)

☐ Dept. Of Electr. Comput. Eng., Concordia Univ., Montreal, Que. (31)

☐ Dept. Of Electr. Eng., Tsinghua Univ., Beijing (29)

☐ Inst. Of Electr. Eng., Chinese Acad. Of Sci., Beijing (28)

☐ Dept. Of Electr. Eng., Texas Am Univ., College Station, Tx (27)

[View more](#)

Controlled vocabulary

Classification code

Country

Document type

Language

Year

IPC code

Source title

Publisher

Run new search with selected facets

Explore the results

Select: ☐ ☒ Selected Records (0) [Delete Selected Records](#)

[Email](#) | [Print](#) | [Download](#) | [Save to Folder](#)

Sort by: [Relevance](#)

☐ **A novel noninvasive failure-detection system for high-power converters based on SCRs**
[Guerrero, V.](#) (Univ. Tec. Federico Santa Maria, Valparaiso, Chile); [Pontt, J.](#); [Dixon, J.](#); [Rebolledo, J.](#) **Source:** *IEEE Transactions on Industrial Electronics*, v 60, n 2, p 450-8, Feb. 2013
Database: Inspec
[Abstract](#) | [Detailed](#) | [+ options](#)

☐ **Novel Energy Conversion System Based on a Multimode Single-Leg Power Converter**
[Taesik Park](#) (Korea Intellectual Property Office, Daejeon, Korea, Republic of); [Taehyung Kim](#) **Source:** *IEEE Transactions on Power Electronics*, v 28, n 1, p 213-20, Jan. 2013
Database: Inspec
[Abstract](#) | [Detailed](#) | [+ options](#)

☐ **Low-Power Interface IC for Triplate Electrostatic Energy Converters**
[Kempitaya, A.](#) (Dept. of Electr., Comput., & Syst. Eng., Rensselaer Polytech. Inst., Troy, NY, United States); [Hella, M.M.](#) **Source:** *IEEE Transactions on Power Electronics*, v 28, n 2, p 609-14, Feb. 2013
Database: Inspec
[Abstract](#) | [Detailed](#) | [+ options](#)

☐ **Fault Diagnosis Digital Method for Power Transistors in Power Converters of Switched Reluctance Motors**
[Hao Chen](#) (Sch. of Inf. & Electr. Eng., China Univ. of Min. & Technol., Xuzhou, China); [Shengli Lu](#) **Source:** *IEEE Transactions on Industrial Electronics*, v 60, n 2, p 749-63, Feb. 2013
Database: Inspec
[Abstract](#) | [Detailed](#) | [+ options](#)


☐ **An improved PSFB PWM DC-DC converter for high-power and frequency applications**
[Bakan, A.F.](#) (Electr. Eng. Dept., Yildiz Tech. Univ., Istanbul, Turkey); [Altintas, N.](#); [Aksoy, I.](#) **Source:** *IEEE Transactions on Power Electronics*, v 28, n 1, p 64-74, Jan. 2013
Database: Inspec
[Abstract](#) | [Detailed](#) | [+ options](#)


☐ **Analysis of a fifth-order resonant converter for high-voltage dc power supplies**
[Shafiei, N.](#) (Dept. of Electr. Eng., Islamic Azad Univ., Najafabad, Iran); [Pahlevaninezhad, M.](#); [Farzanehfar, H.](#); [Bakhshai, A.](#); [Jain, P.](#) **Source:** *IEEE Transactions on Power Electronics*, v 28, n 1, p 85-100, Jan. 2013
Database: Inspec




Check how the results are sorted









INSPEC – Refine your search

Refine results 

Add a term 

Author   

Author affiliation   

Controlled vocabulary   

☐ Power Convertors (3472)




☐ Dc-Dc Power Convertors (2000)

☐ Pwm Power Convertors (968)

☐ Power Factor Correction (954)

☐ Switching Convertors (946)

[View more](#)

Classification code   

☐ Power convertors and power (6811)
supplies to apparatus




☐ Power electronics, supply (2934)
and supervisory circuits




☐ Control of electric power (2475)
systems




☐ Voltage control (693)




☐ Current control (532)




[View more](#)




Country   




Document type   

Language   

Year   

IPC code   

Source title   

Publisher   

Controlled vocabulary → terms from INSPEC thesaurus

Classification code → specify a subject area

Thesaurus and classification available at:

<https://www.theiet.org/media/5196/thesaurus-and-classification-code-changes.pdf>



INSPEC – Search history

Search history ⓘ Hide

Combine Searches: **SORT BY** ☒ Relevance ☐ Publication year

Combine	Search	Results	Database	Delete
2. <input type="checkbox"/> <input checked="" type="checkbox"/>	{coll. of electr. eng., zhejiang univ., hangzhou} WN AF Query details Edit Save Search Create Alert	2,072	Inspec	
1. <input type="checkbox"/> <input checked="" type="checkbox"/>	((power converter) WN TI) Query details Edit Save Search Create Alert	9,234	Inspec	

[View Saved Searches](#)

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