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(See database summary sheet 'WPIDS/WPINDEX/WPIX' for details on search and display fields (except Derwent Chemistry Resource segment and structure searching), which are valid in LWPI).

**Subject Coverage** All patent-relevant areas of science and technology. The start of coverage varies by both subject matter and patent authority:

- Pharmaceuticals: 1963
- Plastics and polymers: 1966
- Mechanical, electrical, and general technology: 1974
- Agricultural chemicals: 1965
- All other chemistry and general technology: 1970

**File Type** Bibliographic, learning

**Features**

Thesauri	F-Term (/FTERM), FI-Term (/FCL), International Patent Classification (/IPC), Manual Code (/MC), Polymer Indexing Enhanced (/PLE), Title Terms (/TT), and US National Patent Classification (/NCL). There is a thesaurus-like feature in the Compound Number (/DCN), Registry Number (/DRN), Patent Assignee Code (/PACO), and Plasdoc Key Serials (/KS)			
Alerts (SDIs)	Not available			
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Learning Database	<input checked="" type="checkbox"/>	Structures	<input type="checkbox"/>	STN Viewer <input type="checkbox"/>

**Record Content**

Bibliographic Records

- Patent family data available for each bibliographic record:
  - Basic patent
  - Equivalents (information about the same invention issued in other countries)
- Invention Level: bibliographic data and Thomson Scientific value-added titles, abstracts, general and (where appropriate) in-depth chemical and electrical indexing. Electrical, engineering drawings and chemical structure drawings. Data from the individual member patents is collated and de-duplicated.
- Member Patent Level (Publication Level): bibliographic data, equivalent abstracts and general indexing information associated with individual documents in the patent family. Additional first-level elements comprise author titles and abstracts, claims, original inventor, patent assignee and agent information including addresses.
- The Invention and Member Patent Levels can be searched individually or in combination.
- Numeric values of 55 physical and chemical properties in almost 400 unit variants are searchable in all English text fields (titles, abstracts, claims).
- Structure searchable chemical repository including substance identification and indexing linked to the corresponding bibliographic records

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<b>File Size</b>	Static file with 997,910 records and 629,646 images	
<b>Coverage</b>	<ul style="list-style-type: none"><li>• 1963-present</li><li>• Electrical and engineering drawings: 1988-present</li><li>• Chemical structure drawings 1992-present</li></ul>	
<b>Updates</b>	Not updated	
<b>Language</b>	English	
<b>Database Producer</b>	Thomson Reuters (Professional) UK Ltd. The Johnson Building 77 Hatton Garden London EC1N 8JS United Kingdom Copyright Holder: Thomson Reuters	Phone: +44 20 7433 4000 Fax: +44 20 7433 4001 Helpdesk: +44 20 7433 4999 E-mail: ts.support.emea@thomsonreuters.com
<b>Sources</b>	Patent documents are covered from:  Argentina (1975)* Australia (1963-69,1983-pres.) Austria (1975-present) Belgium (1963-present) Brazil (1976-present) Canada (1963-present) China (1987-present) Czech Republic (1994-present) Czechoslovakia (1975-1994)* Denmark (1974-present) European Pat. Off. (1978-present) Finland (1974-present) France (1963-present) Germany (1963-present) Germany (Utility Models) (1995-present) German (Dem. Rep.) (1963-1990) Hungary (1975-present) India (2004-present) Ireland (1963-69,1995-pres.) Israel (1975-present) Italy (1966-69,1978-present) Japan (1963-present)  Luxembourg (1984-present) Mexico (1997-present) Netherlands (1963-present) New Zealand (1993-present) Norway (1974-present) PCT (WIPO) (1978-present) Philippines (1994-present) Portugal (1974-present) Rep. of Korea (1986-present) Romania (1975-present) Russian Federation (1994-present) Singapore (1995-present) Slovakia (1994-present) South Africa (1963-present) Soviet Union (1963-1994)* Spain (1983-present) Sweden (1974-present) Switzerland (1963-present) Taiwan (1993-present) United Kingdom (1963-present) United States (1963-present)	
	Additional Sources are:  - Research Disclosure (1978-present) Copyright: Kenneth Mason Publications Limited [2006] <a href="http://www.researchdisclosure.com">www.researchdisclosure.com</a> - International Technology Disclosures (1984-93)* * signifies available within the backfile only	

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**Sources  
(cont.)**

Additional first level data elements such as original titles and abstracts, claims, inventor, assignee and agent information and addresses may be present at the Member Patent Level as follows:

- Australia (2004-present)
- Germany (1968-present)
- European Patent Office (1978-present)
- Japan (1975-present)
- PCT (WIPO) (1978-present)
- United Kingdom (1984-1997, 2004-present)
- United States (1975-present)

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<http://scientific.thomson.com/products/gps/>

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**User Aids**

- Derwent World Patents Index STN Online User Guide
- STNGUIDE
- Online Helps (HELP DIRECTORY lists all help messages available)
- Patent Sources \*
- Introduction to Chemical Indexing
- Classification User Guide \*
- Title Terms User Guide \*
- Patentee Codes User Guide \*
- CPI Chemical Indexing Guidelines, Indexing of Chemical and Pharmaceutical Patents \*
- CPI Chemical Indexing User Guide \*
- CPI Manual Codes User Guide \*
- Chemistry Resource on STN \*
- CPI Plasdoc Coding Systems User Guide \*
- Polymer Indexing Directory Parts 1 and 2 \*
- Polymer Indexing Reference Manual \*
- Polymer Indexing System Description User Guide \*
- Polymer Indexing Thesaurus Guide \*
- Polymer Indexing Hierarchy User Guide \*
- EPI Manual Codes User Guide Parts 1,2 and 3 \*

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**Sample Record****DISPLAY MAX**

AN 2000-206237 [200019] LWPI  
ED 20050410  
DNC C2000-063847 [200019]  
TI Capacitative measuring device detects the exact termination of biogas filter service life, protecting gas engine and catalytic converter from impurities  
DC J01; Q51; Q52  
IN BRANDT A; KUEFFMEIER R; KUFFMEIER R  
PA (JENB-N) JENBACHER AG  
CYC 26  
PI AT-----9900159 A 20000215 (200019)\* DE 11[3] B01D-053/04  
EP-----1026379 A2 20000809 (200039) DE F02B-043/00  
AT-----406827 B 20000815 (200046) DE B01D-053/04  
CA-----2298153 A1 20000808 (200052) EN F01N-011/00  
ADT AT-----9900159 A 1999AT-000000159 19990208; AT-----406827 B 1999AT-000000159 19990208; EP-----1026379 A2 2000EP-000101343 20000124; CA-----2298153 A1 2000CA-002298153 20000207  
FDT AT-----406827 B Previous Publ AT-----9900159 A  
PRAI 1999AT-000000159 19990208  
IC ICM B01D-053/04; F01N-011/00; F02B-043/00  
ICS B01D-053/00; B01D-053/94; F01N-003/08; F01N-009/00; F02B-043/02  
AB AT 9900159 A UPAB: 20050410  
NOVELTY - An assembly removes impurities from biogas using an active carbon granule filter. Removal of the impurities renders the gas suitable for use as fuel in a gas engine. The carbon granules become increasingly laden with impurities. The degree to which the carbon is saturated is detected using a cylindrical electrolytic condenser (52) linked to a capacitative measuring bridge (53) operated using alternating current in the range 10 Hz to 10 MHz. The capacitor (52) electrodes are separated by an interval of pref. approx. 1 cm.  
USE - The capacitor and measuring device detect the exact termination of satisfactory filter service life prior to regeneration.  
ADVANTAGE - The gas motor and exhaust catalytic converter are protected from damage arising from gas impurities. DESCRIPTION OF DRAWING(S) - The drawing shows the filter assembly and capacitative measuring bridge.  
ABEQ (0002)  
EP 1026379 A2 UPAB 20050410  
ABDT AT9900159  
USE  
The capacitor and measuring device detect the exact termination of satisfactory filter service life prior to regeneration. ADVANTAGE  
The gas motor and exhaust catalytic converter are protected from damage arising from gas impurities.  
NOVELTY  
An assembly removes impurities from biogas using an active carbon granule filter. Removal of the impurities renders the gas suitable for use as fuel in a gas engine. The carbon granules become increasingly laden with impurities. The degree to which the carbon is saturated is detected using a cylindrical electrolytic condenser (52) linked to a capacitative measuring bridge (53) operated using alternating current in the range 10 Hz to 10 MHz. The capacitor (52) electrodes are separated by an interval of pref. approx. 1 cm.  
DESCRIPTION OF DRAWING  
The drawing shows the filter assembly and capacitative measuring bridge.  
FS CPI; GMPI  
MC CPI: J01-E02A3; J01-G03

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**In Europe**

FIZ Karlsruhe  
STN Europe  
P.O. Box 2465  
76012 Karlsruhe  
Germany  
Phone: +49-7247-808-555  
Fax: +49-7247-808-259  
E-mail: [helpdesk@fiz-karlsruhe.de](mailto:helpdesk@fiz-karlsruhe.de)  
Internet: [www.stn-international.com](http://www.stn-international.com)

**In North America**

CAS  
STN North America  
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Columbus, Ohio 43210-0012 U.S.A.  
  
CAS Customer Center:  
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E-mail: [help@cas.org](mailto:help@cas.org)  
Internet: [www.cas.org](http://www.cas.org)

**In Japan**

JAICI (Japan Association for  
International Chemical Information)  
STN Japan  
Nakai Building  
6-25-4 Honkomagome, Bunkyo-ku  
Tokyo 113-0021, Japan  
Phone: +81-3-5978-3601 (Technical Service)  
+81-3-5978-3621 (Customer Service)  
Fax: +81-3-5978-3600  
E-mail: [support@jaici.or.jp](mailto:support@jaici.or.jp) (Technical Service)  
[customer@jaici.or.jp](mailto:customer@jaici.or.jp) (Customer Service)  
Internet: [www.jaici.or.jp](http://www.jaici.or.jp)