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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 Structures

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

File Size	Static file with 997,910 records and 629,646 images																																												
Coverage	<ul style="list-style-type: none">• 1963-present• Electrical and engineering drawings: 1988-present• Chemical structure drawings 1992-present																																												
Updates	Not updated																																												
Language	English																																												
Database Producer	Clarivate Analytics (UK) Limited Friars House, 160 Blackfriars Rd. London SE1 8EZ United Kingdom Copyright Holder: Clarivate Analytics																																												
Sources	Patent documents are covered from: <table><tr><td>Argentina (1975)*</td><td>Luxembourg (1984-present)</td></tr><tr><td>Australia (1963-69,1983-pres.)</td><td>Mexico (1997-present)</td></tr><tr><td>Austria (1975-present)</td><td>Netherlands (1963-present)</td></tr><tr><td>Belgium (1963-present)</td><td>New Zealand (1993-present)</td></tr><tr><td>Brazil (1976-present)</td><td>Norway (1974-present)</td></tr><tr><td>Canada (1963-present)</td><td>PCT (WIPO) (1978-present)</td></tr><tr><td>China (1987-present)</td><td>Philippines (1994-present)</td></tr><tr><td>Czech Republic (1994-present)</td><td>Portugal (1974-present)</td></tr><tr><td>Czechoslovakia (1975-1994)*</td><td>Rep. of Korea (1986-present)</td></tr><tr><td>Denmark (1974-present)</td><td>Romania (1975-present)</td></tr><tr><td>European Pat. Off. (1978-present)</td><td>Russian Federation (1994-present)</td></tr><tr><td>Finland (1974-present)</td><td>Singapore (1995-present)</td></tr><tr><td>France (1963-present)</td><td>Slovakia (1994-present)</td></tr><tr><td>Germany (1963-present)</td><td>South Africa (1963-present)</td></tr><tr><td>Germany (Utility Models) (1995-present)</td><td>Soviet Union (1963-1994)*</td></tr><tr><td>German (Dem. Rep.) (1963-1990)</td><td>Spain (1983-present)</td></tr><tr><td>Hungary (1975-present)</td><td>Sweden (1974-present)</td></tr><tr><td>India (2004-present)</td><td>Switzerland (1963-present)</td></tr><tr><td>Ireland (1963-69,1995-pres.)</td><td>Taiwan (1993-present)</td></tr><tr><td>Israel (1975-present)</td><td>United Kingdom (1963-present)</td></tr><tr><td>Italy (1966-69,1978-present)</td><td>United States (1963-present)</td></tr><tr><td>Japan (1963-present)</td><td></td></tr></table> Additional Sources are: - Research Disclosure (1978-present) Copyright: Kenneth Mason Publications Limited [2006] www.researchdisclosure.com - International Technology Disclosures (1984-93)* * signifies available within the backfile only	Argentina (1975)*	Luxembourg (1984-present)	Australia (1963-69,1983-pres.)	Mexico (1997-present)	Austria (1975-present)	Netherlands (1963-present)	Belgium (1963-present)	New Zealand (1993-present)	Brazil (1976-present)	Norway (1974-present)	Canada (1963-present)	PCT (WIPO) (1978-present)	China (1987-present)	Philippines (1994-present)	Czech Republic (1994-present)	Portugal (1974-present)	Czechoslovakia (1975-1994)*	Rep. of Korea (1986-present)	Denmark (1974-present)	Romania (1975-present)	European Pat. Off. (1978-present)	Russian Federation (1994-present)	Finland (1974-present)	Singapore (1995-present)	France (1963-present)	Slovakia (1994-present)	Germany (1963-present)	South Africa (1963-present)	Germany (Utility Models) (1995-present)	Soviet Union (1963-1994)*	German (Dem. Rep.) (1963-1990)	Spain (1983-present)	Hungary (1975-present)	Sweden (1974-present)	India (2004-present)	Switzerland (1963-present)	Ireland (1963-69,1995-pres.)	Taiwan (1993-present)	Israel (1975-present)	United Kingdom (1963-present)	Italy (1966-69,1978-present)	United States (1963-present)	Japan (1963-present)	
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Italy (1966-69,1978-present)	United States (1963-present)																																												
Japan (1963-present)																																													

**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)
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- PCT (WIPO) (1978-present)
- United Kingdom (1984-1997, 2004-present)
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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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