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(54) Title: GAS-DIFFUSION ELECTRODE

(57) Abstract: The invention relates to a gas-diffusion electrode provided with a sintered and cast gas-diffusion layer having a high elastic modulus. The electrode is useful as hydrogen-consuming anode or oxygen-consuming cathode of depolarised electrolytic cells such as electrowinning, chlor-alkali or electro dialysis cells.



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**INTERNATIONAL SEARCH REPORT**

International application No  
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**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. C25B11/03 C25C7/02 H01M4/86 B01D61/46 C25B11/04  
 ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 C25B C25C H01M B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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Further documents are listed in the continuation of Box C.       See patent family annex.

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| Date of the actual completion of the international search<br><br>24 May 2013   | Date of mailing of the international search report<br><br>05/06/2013 |
| Name and mailing address of the ISA/<br>European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040,<br>Fax: (+31-70) 340-3016 | Authorized officer<br><br>Desbois, Valérie                           |

## INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2012/067974

| C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
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International application No  
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