

Title (en)  
METHOD AND DEVICE FOR OBTAINING HYDROGEN

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR GEWINNUNG VON WASSERSTOFF

Title (fr)  
PROCEDE ET DISPOSITIF D'OBTENTION D'HYDROGENE

Publication  
**EP 1177332 A1 20020206 (DE)**

Application  
**EP 00926800 A 20000404**

Priority  
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• EP 0002973 W 20000404

Abstract (en)  
[origin: DE10016591A1] In an electrolytic process to generate hydrogen, the electrolysis gas generator unit has a bank of hollow micro-fibres (1) each holding a charge of the electrolyte. The fibre inner walls each have a separate anode (2) and cathode (3). A second essentially identical electrolyte is located outside the hollow fibres and washes the fibre outer walls. Preferred Features: An electrical potential difference is applied to the two electrodes (2, 3). The electrolytic fluid is filtered water maintained at below 95 deg C. The micro-fibres are arranged in small frames and assembled into banks generating hydrogen.

IPC 1-7  
**C25B 1/04**; **C25B 9/00**

IPC 8 full level  
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