

Title (en)  
PRODUCING HYDROGEN PEROXIDE

Title (de)  
ERZEUGUNG VON WASSERSTOFFPEROXID

Title (fr)  
FABRICATION DE PEROXYDE D'HYDROGÈNE

Publication  
**EP 2004876 A2 20081224 (EN)**

Application  
**EP 07732262 A 20070402**

Priority  
• GB 2007001211 W 20070402  
• GB 0607272 A 20060411

Abstract (en)  
[origin: GB2437079A] An electrolytic cell 1 comprises an electrode (figure 1 5,6) in a chamber including an electrolyte 10 and an electrical power supply 9 arranged to supply electrical energy to the electrode (figure 1 5,6). A current sensor 18 detects electrical current in the cell. A reservoir of a metal salt solution 17, such as sodium chloride, is provided. The cell 1 is provided with an ion exchange membrane (figure 1 4) dividing the cell into two chambers (figure 1 2,3). A controller 19 is arranged to supply metal salt solution from the reservoir to the chamber of the cell, in dependence on the current detected at the sensor 18. This permits the conductivity of the electrolyte to be brought up to the required levels quickly, independently of dynamic cell conditions. The hydrogen peroxide producing apparatus may be incorporated into an appliance such as an automatic dishwasher.

IPC 8 full level  
**C25B 1/30** (2006.01); **C25B 9/19** (2021.01); **C25B 15/08** (2006.01)

CPC (source: EP GB US)  
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Citation (search report)  
See references of WO 2007128959A2

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