

Title (en)
ELECTROCHEMICAL HALF-CELL

Title (de)
ELEKTROCHEMISCHE HALBZELLE

Title (fr)
DEMI-CELLULE ELECTROCHIMIQUE

Publication
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Application
EP 03734598 A 20030120

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Abstract (en)
[origin: WO03064728A2] The invention relates to an electrochemical half-cell, in particular for the electrolysis of aqueous solutions of hydrogen chloride. Said cell comprises at least one gas chamber, which has a gas supply and a gas discharge, in addition to a liquid outlet and comprises a gas diffusion electrode, which lies on an electrically conductive current distributor and makes contact with the latter in a conductive manner. According to the invention, the current distributor has an exposed surface ranging between 5 and 65 %, preferably between 10 and 60 % and more specifically between 15 and 50 %, in relation to the total surface of said current distributor and a thickness of between 0.3 mm and 5 mm and preferably between 0.35 and 0.6 mm.

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C25B 11/03; **H01M 4/86**; **C25B 9/00**

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
See references of WO 03064728A2

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