Title (en)

ELECTROCHEMICAL CELL

Title (de)

ELEKTROCHEMISCHE ZELLE

Title (fr)

CELLULE ELECTROCHIMIQUE

Publication

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Application

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Abstract (en)

[origin: WO2004013379A1] The invention relates to an electrochemical cell for the membrane electrolysis method, comprising at least one anode space that is provided with a metal electrode as an anode, a cathode space that is provided with a gas diffusion electrode as a cathode, and an ion exchanger membrane that is disposed between the anode space and the cathode space. The metal electrode used as an anode is immersed in an electrolyte, is provided with openings (14) in order to allow gases that are formed during operation to pass therethrough, and is optionally angled and/or bent. Said openings comprise conductor structures (12) that lead the formed gas away to the side of the metal electrode, which is located opposite the cathode.

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