

Title (en)

ELECTROLYSIS CELL, PARTICULARLY FOR ELECTROCHEMICALLY PRODUCING CHLORINE

Title (de)

ELEKTROLYSEZELLE, INSBESONDERE ZUR ELEKTROCHEMISCHEN HERSTELLUNG VON CHLOR

Title (fr)

CELLULE ELECTROLYTIQUE, DESTINEE EN PARTICULIER A LA PRODUCTION ELECTROCHIMIQUE DE CHLORE

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Application

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Abstract (en)

[origin: WO03014419A2] The invention relates to an electrolysis cell comprising an anode frame (26), an anode (24), a cation exchanging membrane (34), a gas diffusion electrode (32), a current collector (10), and a cathode frame (12), whereby the anode (24), the cation exchanging membrane (34), the gas diffusion electrode (32) and the current collector (10) are elastically held together so that there are no gaps between the individual components: anode (24), cation exchanging membrane (34), gas diffusion electrode (32) and current collector (10). The elastic cohesion is preferably achieved by the current collector (10) being elastically fixed to the cathode frame (12) and/or by the anode (24) being elastically fixed to the anode frame (26).

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