

Title (en)
ELECTROLYSIS DEVICE

Title (de)
ELEKTROLYSEVORRICHTUNG

Title (fr)
DISPOSITIF D'ÉLECTROLYSE

Publication
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Application
EP 18786231 A 20180927

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Abstract (en)
[origin: WO2019063659A1] The present invention relates to an electrolysis device for the electrolytic treatment of liquids, with an anode chamber and a cathode chamber, which are separated from one another by way of an ion-exchange membrane, wherein the chambers are provided with an inlet opening and an outlet opening for the flowing electrolyte and each with an electrode and wherein the inner space of the anode chamber and/or of the cathode chamber is subdivided by webs (20) or ribs extending transversely with respect to the electrodes, wherein the webs or ribs are provided at least in certain regions with holes (24) or cutouts, in which according to the invention the webs (20) or ribs have at least a lower region (22) in which no holes (24) or cutouts are provided. The electrolysis device according to the invention has the advantage that on the one hand there is in the upper foam phase sufficient mixing in the longitudinal direction, but at the same time in the lower region the airlift pump effect obtained by the rising gas bubbles is maintained.

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Citation (search report)
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