

Title (en)

DIFUNCTIONAL ELECTRODE AND ELECTROLYSIS DEVICE FOR CHLOR-ALKALI ELECTROLYSIS

Title (de)

BIFUNKTIONELLE ELEKTRODE UND ELEKTROLYSEVORRICHTUNG FÜR DIE CHLOR-ALKALI-ELEKTROLYSE

Title (fr)

ÉLECTRODE BIFONCTIONNELLE ET DISPOSITIF D'ÉLECTROLYSE POUR L'ÉLECTROLYSE DE CHLORE-ALCALI

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Application

EP 17714804 A 20170404

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Abstract (en)

[origin: WO2017174563A1] The invention relates to an oxygen-consuming electrode for use in chlor-alkali electrolysis which, as required, can either evolve hydrogen or can also consume oxygen, on the basis of a silver-based catalyst and an additional electrocatalyst based on ruthenium and/or iridium. The invention further relates to an electrolysis device consisting thereof. When said electrode is used in the chlor-alkali electrolysis, a correspondingly equipped chlor-alkali electrolysis system can be used for example for network stabilization of power supply networks.

IPC 8 full level

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Citation (search report)

See references of WO 2017174563A1

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