

Title (en)

LOW SOLUBILITY SALTS AS AN ADDITIVE IN GAS DIFFUSION ELECTRODES FOR INCREASING THE CO₂ SELECTIVITY AT HIGH CURRENT DENSITIES

Title (de)

SCHWERLÖSLICHE SALZE ALS ZUSCHLAG ZU GASDIFFUSIONSELEKTRODEN ZUR ERHÖHUNG DER CO₂-SELEKTIVITÄT BEI HOHEN STROMDICHTEN

Title (fr)

SELS PEU SOLUBLES UTILISÉS COMME AJOUT À DES ÉLECTRODES À DIFFUSION DE GAZ AFIN D'AUGMENTER LA SÉLECTIVITÉ DE CO₂ POUR DES DENSITÉS DE COURANT ÉLEVÉES

Publication

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Application

EP 18707300 A 20180215

Priority

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- EP 2018053756 W 20180215

Abstract (en)

[origin: WO2018162202A1] The invention relates to: a gas diffusion electrode comprising a metal M which is selected from Ag, Au, Cu, Pd and mixtures and/or alloys thereof, and a low solubility compound of the metal M; a method for the production thereof; a use in the electrolysis of CO₂ and/or CO and a corresponding electrolysis method; as well as an electrolytic cell having the gas diffusion electrode according to the invention.

IPC 8 full level

C25B 3/25 (2021.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2018162202A1

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