

Title (en)

GAS DIFFUSION ELECTRODE, AN ELECTROLYSIS SYSTEM, AND A METHOD FOR OPERATING AN ELECTROLYSIS SYSTEM

Title (de)

GASDIFFUSIONSELEKTRODE, EINE ELEKTROLYSEANLAGE SOWIE EIN VERFAHREN ZUM BETREIBEN EINER ELEKTROLYSEANLAGE

Title (fr)

ÉLECTRODE DE DIFFUSION GAZEUSE, INSTALLATION D'ÉLECTROLYSE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE INSTALLATION D'ÉLECTROLYSE

Publication

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Application

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Abstract (en)

[origin: WO2019185328A1] The invention relates to a gas diffusion electrode (2) having at least two layers (4, 6), of which a first layer (4) comprises an electrically conductive fabric (8), which is embedded at least in part in a hydrophobically acting polymer matrix (10), and a second layer (6) has an open porosity (12) which comprises catalytically acting particles (9) and has a thickness between 1 µm and 50 µm.

IPC 8 full level

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