

Title (en)

GASEOUS DIFFUSION ELECTRODE AND USE IN CATALYSED ELECTROCHEMICAL PROCESSES

Title (de)

GASDIFFUDIONSELEKTRODE UND VERWENDUNG IN KATALYSIERTEN CHEMISCHEN PROZESSEN

Title (fr)

ELECTRODE A DIFFUSION GAZEUSE ET APPLICATION AUX PROCESSUS ELECTROCHIMIQUES CATALYSES

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Application

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Abstract (en)

[origin: FR2788168A1] The invention concerns a gaseous diffusion electrode comprising an activated carbon fibre fabric (12) having a first surface coated with a hydrophobic material (14) and a second surface whereon are directly fixed catalyst particles (16) dispersed substantially homogeneously on the fibres. The electrode is useful in an electrochemical cell unit of a fuel cell with proton-exchanging membrane, or in an electrochemical reactor for example for making chlorine-soda.

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