

Title (en)
METHOD FOR PREPARING HYDROCARBON-SELECTIVE GAS DIFFUSION ELECTRODES BASED ON COPPER-CONTAINING CATALYSTS

Title (de)
PRÄPARATIONSTECHNIK VON KOHLENWASSERSTOFFSELEKTIVEN GASDIFFUSIONSELEKTRODEN BASIEREND AUF CU-HALTIGEN-KATALYSATOREN

Title (fr)
TECHNIQUE DE PRÉPARATION D'ÉLECTRODES DE DIFFUSION DE GAZ SÉLECTIVES D'HYDROCARBURE À BASE DE CATALYSEURS CONTENANT DU CU

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Abstract (en)
[origin: WO2017025285A1] The present invention relates to a gas diffusion electrode comprising a, preferably copper-containing, carrier and a first layer having at least copper and at least one binder, wherein the first layer has hydrophilic and hydrophobic pores and/or channels, further comprising a second layer having copper and at least one binder, wherein the second layer is located on the carrier and the first layer is located on the second layer, wherein the binder content in the first layer is less than in the second layer. The invention further relates to a method for producing a gas diffusion electrode of this type and an electrolysis cell comprising a gas diffusion electrode of this type.

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