

Title (en)

INORGANIC AND/OR ORGANIC ACID-CONTAINING CATALYST INK AND USE THEREOF IN THE PRODUCTION OF ELECTRODES, CATALYST-COATED MEMBRANES, GAS DIFFUSION ELECTRODES AND MEMBRANE ELECTRODE UNITS

Title (de)

ANORGANISCHE UND/ODER ORGANISCHE SÄURE ENTHALTENDE KATALYSATORINTE UND DEREN VERWENDUNG IN DER HERSTELLUNG VON ELEKTRODEN, KATALYSATORBESCHICHTETEN MEMBRANEN, GASDIFFUSIONSELEKTRODEN UND MEMBRAN-ELEKTRODEN-EINHEITEN

Title (fr)

ENCRE DE CATALYSEUR CONTENANT DES ACIDES INORGANIQUES ET/OU ORGANIQUES ET SON UTILISATION POUR LA PRODUCTION D ÉLECTRODES, DE MEMBRANES REVÊTUES D UN CATALYSEUR, D ÉLECTRODES À DIFFUSION DE GAZ ET D ENSEMBLES MEMBRANE-ÉLECTRODES

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Abstract (en)

[origin: WO2011020843A1] Catalyst ink, comprising one or more catalyst materials, a solvent component, and at least one acid, selected from the group consisting of phosphoric acid, polyphosphoric acid, sulfuric acid, nitric acid, HClO₄, organic phosphonic acids, inorganic phosphonic acids, trifluoromethane sulfonic acids, or the mixtures thereof, an electrode comprising at least one catalyst ink according to the present invention, a fuel cell comprising at least one membrane electrode unit according to the invention, and a method for producing a membrane electrode unit according to the present invention.

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