

Title (en)

PROTON-CONDUCTING POLYMER MEMBRANE COATED WITH A CATALYST LAYER, SAID POLYMER MEMBRANE COMPRISING PHOSPHONIC ACID POLYMERS, MEMBRANE/ELECTRODE UNIT AND THE USE THEREOF IN FUEL CELLS

Title (de)

MIT EINER KATALYSATORSCHICHT BESCHICHTETE PROTONENLEITENDE POLYMERMEMBRAN ENTHALTEND PHOSPHONS UREGRUPPEN UMFASSENDE POLYMERE , MEMBRAN-ELEKTRODEN-EINHEIT UND DEREN ANWENDUNG IN BRENNSTOFFZELLEN

Title (fr)

MEMBRANE POLYMERE CONDUCTRICE DE PROTONS ET ENDUITE D'UNE COUCHE CATALYTIQUE COMPRENANT DES POLYMERES DOTES DE GROUPES ACIDE PHOSPHONIQUE, UNITE MEMBRANE-ELECTRODES ET SON UTILISATION DANS DES CELLULES ELECTROCHIMIQUES

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Application

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Abstract (en)

[origin: WO2005023914A2] The invention relates to a polymer membrane that is coated with a catalyst layer, said polymer membrane comprising phosphonic acid polymers. Said polymers are obtainable by polymerization of phosphonic acid monomers. The invention is characterized in that the catalyst layer comprises phosphonic acid ionomers, said ionomers being obtainable by polymerization of phosphonic acid monomers.

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IPC 8 full level

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