

Title (en)

METHOD FOR PRODUCING A MEMBRANE-ELECTRODE ASSEMBLY, AND MEMBRANE-ELECTRODE ASSEMBLY FOR A FUEL CELL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER MEMBRAN-ELEKTRODEN-ANORDNUNG SOWIE EINE MEMBRAN-ELEKTRODEN-ANORDNUNG FÜR EINE BRENNSTOFFZELLE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ENSEMBLE MEMBRANE-ÉLECTRODE ET ENSEMBLE MEMBRANE-ÉLECTRODE POUR UNE PILE À COMBUSTIBLE

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Application

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Abstract (en)

[origin: WO2022106235A1] The invention relates to a method and to a membrane-electrode assembly (25) for a fuel cell, comprising a first and second support film (26, 27), each of which has cut-outs (29), with a membrane film blank (31) that comprises an electrolyte membrane (14) as a support layer, on both sides of which a catalyst layer is provided. A peripheral edge (32) of the electrolyte membrane (14) is formed with respect to the catalyst layers (16, 17), wherein the exterior of the peripherally protruding edge (32) of the membrane film blank (31) is rigidly connected to the support film (26, 27) face facing the edge (32).

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