

Title (en)

METHOD FOR PRODUCING A FUNCTIONALLY STRUCTURED ASSEMBLY FOR A FUEL CELL AND MEMBRANE ELECTRODE ARRANGEMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES FUNKTIONALISIERT STRUKTURIERTEN AUFBAUS FÜR EINE BRENNSTOFFZELLE UND MEMBRANELEKTRODENANORDNUNG

Title (fr)

PROCÉDÉ DE PRODUCTION D'ENSEMBLE À STRUCTURE FONCTIONNELLE POUR PILE À COMBUSTIBLE ET ENSEMBLE MEMBRANE-ÉLECTRODE

Publication

**EP 4200926 A1 20230628 (DE)**

Application

**EP 21720203 A 20210415**

Priority

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Abstract (en)

[origin: WO2022083899A1] The invention relates to a method for producing a functionally structured assembly for a fuel cell (1), comprising the following steps: applying at least one electrode (4, 6) comprising catalyst particles (13) to a substrate layer in a coating step, and introducing a depth structure (16) into an electrode surface facing away from the substrate layer in a beam step by means of laser interference structuring. The invention also relates to a membrane electrode assembly.

IPC 8 full level

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