

Title (en)

METHOD FOR PRODUCING A GAS DIFFUSION DEVICE HAVING IMPROVED ELECTRICAL PROPERTIES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER GASDIFFUSIONSVORRICHTUNG MIT VERBESSERTEN ELEKTRISCHEN EIGENSCHAFTEN

Title (fr)

PROCÉDÉ DE FABRICATION D'UN DISPOSITIF DE DIFFUSION GAZEUSE À PROPRIÉTÉS ÉLECTRIQUES AMÉLIORÉES

Publication

EP 3994751 A1 20220511 (FR)

Application

EP 20747057 A 20200701

Priority

- FR 1907260 A 20190701
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Abstract (en)

[origin: WO2021001629A1] The invention relates to a method for producing a gas diffusion device (3), comprising the steps of: - providing a superposition of a composite material layer (31) and an electrically conductive element (30), the composite material layer (31) including electrically conductive fibers and a polymerizable resin impregnating said conductive fibers, said electrically conductive element (30) having an open porosity between first (33) and second faces; - compressing the superposition of the composite material layer (31) and the conductive element (30) in order to bring said conductive fibers into contact with the first face (33) of said element (30) and thus cause said resin to flow into said element (30) without the resin impregnating the entire volume of said conductive element (30); - polymerizing the resin that has flown.

IPC 8 full level

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CPC (source: CN EP KR US)

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Citation (search report)

See references of WO 2021001629A1

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