

Title (en)

METHOD FOR PRODUCING A SEALING ELEMENT ON A GAS DIFFUSION LAYER OF AN ELECTROCHEMICAL UNIT AND ASSEMBLY COMPRISING A GAS DIFFUSION LAYER AND A SEALING ELEMENT

Title (de)

VERFAHREN ZUM ERZEUGEN EINES DICHELEMENTS AN EINER GASDIFFUSIONSLAGE EINER ELEKTROCHEMISCHEN EINHEIT UND BAUGRUPPE AUS EINER GASDIFFUSIONSLAGE UND EINEM DICHELEMENT

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT D'ÉTANCHÉITÉ SUR UNE COUCHE DE DIFFUSION GAZEUSE D'UNE UNITÉ ÉLECTROCHIMIQUE ET MODULE CONSTITUÉ D'UNE COUCHE DE DIFFUSION GAZEUSE ET D'UN ÉLÉMENT D'ÉTANCHÉITÉ

Publication

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Application

**EP 19737673 A 20190628**

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Abstract (en)

[origin: WO2020007731A1] The invention relates to a method for producing a sealing element on a gas diffusion layer of an electrochemical unit, wherein the method comprises the following: - arranging an injection molding tool on the gas diffusion layer; - introducing injection molding material into a cavity of the injection molding tool, in which damage to the gas diffusion layer is prevented and a sealing element having a mechanically stable connecting region is produced. It is proposed that the injection molding tool comprises at least one deformation limiting element which limits or prevents a deformation of the gas diffusion layer during the introduction of the injection molding material into the cavity.

IPC 8 full level

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Citation (search report)

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