

Title (en)

DEVICE AND METHOD FOR TRANSFERRING A CATALYST-COATED MEMBRANE OR A GAS DIFFUSION LAYER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ÜBERTRAGEN EINER KATALYSATORBESCHICHTETEN MEMBRAN ODER EINER GASDIFFUSIONSLAGE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRANSFERT D'UNE MEMBRANE REVÊTUE D'UN CATALYSEUR OU D'UNE COUCHE DE DIFFUSION GAZEUSE

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Application

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Abstract (en)

[origin: WO2022100942A1] The invention relates to a device and to a method for transferring a functional layer, in particular a catalyst-coated membrane (2) and/or a gas diffusion layer for a membrane electrode assembly, onto a first material web, wherein: precuts (20) of a functional layer are transferred onto a moving counter surface with a first spacing (x1); the precuts (20) are supplied by means of a second material web (3) with a second spacing; the first spacing (x1) is greater than the second spacing (x2); the second material web (5), at least in a handover portion for carrying over a precut (20) moves synchronously with a conveying speed of the counter surface and is braked relative to the conveying speed to change the spacing; and the dispensing edge (6) in the first transport direction (I) relative to the second material web (5) is adjusted in order to create a braking and acceleration section for the precuts (20) moving discontinuously with the second material web (5).

IPC 8 full level

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Citation (search report)

See references of WO 2022100942A1

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