

Title (en)

METHOD FOR PRODUCING MEMBRANES COATED WITH A CATALYST ON BOTH SIDES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BEIDSEITIG KATALYSATORBESCHICHTETEN MEMBRANEN

Title (fr)

PROCEDE DE PRODUCTION DE MEMBRANES POURVUES SUR CHAQUE FACE D'UN REVETEMENT CATALYSEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: CA2618192A1] The invention relates to a method for producing membranes coated with a catalyst on both sides for electrochemical devices, with the following steps : A) producing a first semifinished product by applying a first ionomer layer onto a first support, applying an anode catalyst layer onto the first ionomer layer while using a first catalyst ink, and drying the anode catalyst layer; B) producing a second semifinished product by applying a second ionomer layer onto a second support, applying a cathode catalyst layer onto the second ionomer layer while using a second catalyst tint, and drying the cathode catalyst layer; C) removing the first and second supports from the first or second ionomer layer and, joining the first semifinished product to the second semifinished product by joining the first ionomer layer to the second ionomer layer.

IPC 8 full level

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