

Title (en)  
BIPOLAR PLATE FOR A FUEL CELL WITH A POLYMER MEMBRANE

Title (de)  
BIPOLARPLATTE FÜR EINE BRENNSTOFFZELLE MIT EINER POLYMERMEMBRAN

Title (fr)  
PLAQUE BIPOLAIRE POUR PILE A COMBUSTIBLE A MEMBRANE POLYMERE

Publication  
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Application  
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Abstract (en)  
[origin: WO2008083836A1] The invention relates to a distribution plate for a fuel cell, comprising a first plate (11) of an electrically conducting material having an inner face and an outer face (110) interacting with an ion-exchange membrane, the outer face (110) including a distribution channel network (11) for a first gas, the distribution plate including a second plate (12) of an electrically conducting material having an outer face and an inner face (12i) to be applied against the inner face of the first plate (11), a channel network (122) for circulating a coolant being provided on the inner face of the first plate (11) or on the inner face (12i) of the second plate (12), or on both, the plates being connected by a uniform layer of an electrically conducting binder material (2) that covers the inner face of each of the first and second plates.

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