

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  
**EP 2122728 A1 20091125 (FR)**

Application  
**EP 07857113 A 20071221**

Priority  
• EP 2007011407 W 20071221  
• FR 0700184 A 20070109

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.

IPC 8 full level  
**H01M 8/02** (2006.01)

CPC (source: EP KR US)  
**H01M 8/02** (2013.01 - KR); **H01M 8/0206** (2013.01 - EP US); **H01M 8/021** (2013.01 - EP US); **H01M 8/0228** (2013.01 - EP US); **H01M 8/0258** (2013.01 - US); **H01M 8/0263** (2013.01 - EP US); **H01M 8/0267** (2013.01 - EP); **H01M 8/0297** (2013.01 - EP); **H01M 8/241** (2013.01 - EP US); **H01M 8/2483** (2016.02 - EP); **H01M 8/0282** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Citation (search report)  
See references of WO 2008083836A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2911219 A1 20080711**; **FR 2911219 B1 20090515**; CN 101601155 A 20091209; EP 2122728 A1 20091125; JP 2010516027 A 20100513; KR 20090108625 A 20091015; US 2010310956 A1 20101209; WO 2008083836 A1 20080717

DOCDB simple family (application)  
**FR 0700184 A 20070109**; CN 200780049604 A 20071221; EP 07857113 A 20071221; EP 2007011407 W 20071221; JP 2009545104 A 20071221; KR 20097016527 A 20071221; US 52267007 A 20071221