

Title (en)

FUEL CELL ARRAY AND DEVICE FOR FIXING A FUEL CELL ARRAY TO A HOUSING

Title (de)

BRENNSTOFFZELLENANORDNUNG UND VORRICHTUNG ZUM BEFESTIGEN EINER BRENNSTOFFZELLENANORDNUNG AN EINEM GEH
USE

Title (fr)

SYSTEME DE CELLULES ELECTROCHIMIQUES ET DISPOSITIF DE FIXATION D'UN SYSTEME DE CELLULES ELECTROCHIMIQUES SUR
UN BOITIER

Publication

EP 1652260 A2 20060503 (DE)

Application

EP 04762489 A 20040723

Priority

- DE 2004001640 W 20040723
- DE 10334130 A 20030725

Abstract (en)

[origin: WO2005013404A2] The invention relates to a fuel cell array comprising a fuel cell stack (12) with several fuel cells (10) and a first (14) and a second end plate (16) defining the fuel cell stack (12) on the end thereof. According to the invention, at least one force transmitting device (18) is provided, said device transmitting a first force to the first end plate (14) in the direction of the second end plate (16) and a second force to the second end plate (16) in the direction of the first end plate (14), wherein elastic means (20) are involved in the transmission of force. The invention also relates to a device for fixing a fuel cell array to a housing (38).

IPC 1-7

H01M 8/24

IPC 8 full level

F16B 5/00 (2006.01); **H01M 8/24** (2006.01)

CPC (source: EP KR US)

H01M 8/24 (2013.01 - KR); **H01M 8/2475** (2013.01 - EP US); **H01M 8/248** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Citation (search report)

See references of WO 2005013404A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005013404 A2 20050210; **WO 2005013404 A3 20051006**; CA 2533668 A1 20050210; CN 100477361 C 20090408;
CN 1856898 A 20061101; DE 10334130 A1 20050217; DE 10334130 B4 20091008; EP 1652260 A2 20060503; EP 1947728 A2 20080723;
EP 1947728 A3 20081029; KR 20060052872 A 20060519; US 2007281190 A1 20071206

DOCDB simple family (application)

DE 2004001640 W 20040723; CA 2533668 A 20040723; CN 200480027729 A 20040723; DE 10334130 A 20030725; EP 04762489 A 20040723;
EP 08007530 A 20040723; KR 20067001605 A 20060124; US 56580704 A 20040723