

Title (en)  
ARRANGEMENT FOR SOLID ELECTROLYTE FUEL CELLS

Title (de)  
ANORDNUNG FÜR FESTELEKTROLYT-BRENNSTOFFZELLEN

Title (fr)  
DISPOSITIF POUR PILES A COMBUSTIBLE A ELECTROLYTE SOLIDE

Publication  
**EP 0811255 A1 19971210 (DE)**

Application  
**EP 96902887 A 19960216**

Priority

- DE 9600289 W 19960216
- DE 19505913 A 19950221

Abstract (en)  
[origin: DE19505913C1] An arrangement for solid electrolyte fuel cells made of many thin metallic and ceramic elements is used at high and fluctuating working temperatures that may cause one of the many joints between the various elements to break down. The fuel cells (1) are arranged between two vessels (3, 4). Inlet and outlet tubes for combustion gases and exhaust gases extend between vessels and cells. When this arrangement is appropriately set up, the system is automatically sealed by its own weight, so that bending or tensile stresses that have a seal-destructive effect are avoided.

IPC 1-7  
**H01M 8/24**; **H01M 8/12**

IPC 8 full level  
**H01M 8/2425** (2016.01); **H01M 8/247** (2016.01); **H01M 8/04014** (2016.01); **H01M 8/124** (2016.01)

CPC (source: EP US)  
**H01M 8/0271** (2013.01 - US); **H01M 8/2425** (2013.01 - EP); **H01M 8/247** (2013.01 - EP); **H01M 8/04014** (2013.01 - EP); **H01M 8/04022** (2013.01 - EP); **H01M 2008/1293** (2013.01 - EP); **H01M 2300/0074** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP)

Citation (search report)  
See references of WO 9626553A1

Designated contracting state (EPC)  
DE FR GB NL SE

DOCDB simple family (publication)  
**DE 19505913 C1 19960404**; EP 0811255 A1 19971210; WO 9626553 A1 19960829

DOCDB simple family (application)  
**DE 19505913 A 19950221**; DE 9600289 W 19960216; EP 96902887 A 19960216