

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)

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Citation (search report)

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