Title (en)

HIGH TEMPERATURE FUEL CELL AND ASSOCIATED FUEL CELL ASSEMBLY

Title (de)

HOCHTEMPERATUR-BRENNSTOFFZELLE UND ZUGEHÖRIGE BRENNSTOFFZELLENANLAGE

Title (fr)

CELLULE ÉLECTROCHIMIQUE HAUTE TEMPÉRATURE ET DISPOSITIF DE CELLULES ÉLECTROCHIMIQUES CORRESPONDANT

Publication

**EP 2332205 A1 20110615 (DE)**

Application

**EP 09783263 A 20090922**

Priority

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- DE 102008049607 A 20080930

Abstract (en)

[origin: WO2010037665A1] The invention relates to high temperature fuel cell assemblies which operate at temperatures of between 500 and 7000°C and copper based materials for the components and their compositions. Said copper-based materials are hybrid made of copper powder and other oxidic powders. The hybrid is produced, in particular, by mechanical alloys. As a result, a fuel cell assembly, which has a long-term stability in the required operational area, can be built, and in particular, displays no other frequently observed copper deposit.

IPC 8 full level

**H01M 8/12** (2006.01); **B22F 3/11** (2006.01); **C04B 35/00** (2006.01); **H01M 4/88** (2006.01); **H01M 4/90** (2006.01); **H01M 8/02** (2006.01)

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Citation (search report)

See references of WO 2010037665A1

Designated contracting state (EPC)

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