

Title (en)

METHOD FOR THE PRODUCTION OF HIGH TEMPERATURE FUEL CELLS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER HOCHTEMPERATUR-BRENNSTOFFZELLE

Title (fr)

PROCEDE DE PRODUCTION D'UNE PILE A COMBUSTIBLE HAUTE TEMPERATURE

Publication

EP 1027743 A2 20000816 (DE)

Application

EP 99950474 A 19990730

Priority

- DE 9902351 W 19990730
- DE 19835253 A 19980804

Abstract (en)

[origin: DE19835253A1] A manufacturing method for a high-temperature fuel cell equipped with a contact layer (16) between the cathode (14) and bipolar plate (18). For manufacture of the contact layer (18), a contact material is applied to the bipolar plate (18) and then subjected to a high temperature, esp. over 800 deg. C. Before application of the contact material, a pore forming agent is added, and specifically remains insoluble in the contact material, the latter being a ceramic silk-screen paste or a ceramic injection moulded suspension.

IPC 1-7

H01M 8/02

IPC 8 full level

H01M 8/021 (2016.01); **H01M 8/0215** (2016.01); **H01M 8/0228** (2016.01); **H01M 8/1213** (2016.01)

CPC (source: EP)

H01M 8/021 (2013.01); **H01M 8/0215** (2013.01); **H01M 8/0228** (2013.01); **H01M 8/1213** (2013.01); **Y02E 60/50** (2013.01); **Y02P 70/50** (2015.11)

Citation (search report)

See references of WO 0008701A2

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

DE 19835253 A1 20000113; AU 6324799 A 20000228; EP 1027743 A2 20000816; WO 0008701 A2 20000217; WO 0008701 A3 20000608

DOCDB simple family (application)

DE 19835253 A 19980804; AU 6324799 A 19990730; DE 9902351 W 19990730; EP 99950474 A 19990730