

Title (en)

DIRECT-OXIDATION FUEL CELL WITH PASSIVE FUEL SUPPLY AND METHOD FOR ITS OPERATION

Title (de)

DIREKTOXIDATIONSBRENNSTOFFZELLE MIT PASSIVER BRENNSTOFFZUFÜHRUNG UND VERFAHREN ZU DEREN BETREIBEN

Title (fr)

CELLULE A COMBUSTIBLE A OXYDATION DIRECTE DOTEE D'UN APPORT PASSIF DE COMBUSTIBLE ET PROCEDE POUR SON UTILISATION

Publication

EP 1974413 A1 20081001 (DE)

Application

EP 07702934 A 20070122

Priority

- EP 2007000518 W 20070122
- DE 102006002926 A 20060120

Abstract (en)

[origin: DE102006002926A1] The main channel (1) has an integrated chemical micro reactor and sides (2) with a catalytic membrane and an input (3) for gas. The gas is diffused in a convection free operation. Through the diffusion the concentration ratio of the fuel relative to another fluid is regulated.

IPC 8 full level

H01M 8/04 (2006.01); **H01M 8/10** (2006.01)

CPC (source: EP US)

H01M 8/04186 (2013.01 - EP US); **H01M 8/04194** (2013.01 - EP US); **H01M 8/04291** (2013.01 - EP US); **H01M 8/1011** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

DE 102006002926 A 20060120; EP 07702934 A 20070122; EP 2007000518 W 20070122; JP 2008550697 A 20070122; US 16918708 A 20080708