

Title (en)
FUEL CELL DEVICE WITH ELECTROLYTES FLOWING BY MEANS OF PERCOLATION THROUGH ELECTRODES HAVING A POROUS,
THREE-DIMENSIONAL STRUCTURE

Title (de)
BRENNSTOFFZELLEVOORRICHTUNG MIT ELEKTROLYTEN, DIE MITTELS PERKOLATION DURCH ELEKTRODEN MIT EINER PORÖSEN,
DREIDIMENSIONALEN STRUKTUR STRÖMEN

Title (fr)
DISPOSITIF DE PILE A COMBUSTIBLE A ELECTROLYTES CIRCULANT PAR PERCOLATION AU TRAVERS D'ELECTRODES DE STRUCTURE
TRIDIMENSIONNELLE POREUSE

Publication
EP 2837051 A1 20150218 (FR)

Application
EP 13717241 A 20130410

Priority
• FR 1253269 A 20120410
• FR 1254216 A 20120509
• EP 2013057470 W 20130410

Abstract (en)
[origin: WO2013153103A1] The present invention relates to a fuel cell device with electrolytes flowing by means of percolation through electrodes (1) and (2) having a porous, three-dimensional structure. The invention also relates to the various uses of said fuel cell device in the transport field and station ship field.

IPC 8 full level
H01M 4/86 (2006.01); **H01M 8/18** (2006.01); **H01M 8/22** (2006.01)

CPC (source: CN EP US)
H01M 4/8605 (2013.01 - CN EP US); **H01M 8/186** (2013.01 - CN EP US); **H01M 8/188** (2013.01 - CN EP US); **H01M 8/20** (2013.01 - US);
H01M 8/22 (2013.01 - US); **H01M 8/222** (2013.01 - CN EP US); **Y02E 60/50** (2013.01 - EP US)

Citation (search report)
See references of WO 2013153103A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 2989225 A1 20131011; CA 2868486 A1 20131017; CN 104380509 A 20150225; EP 2837051 A1 20150218; FR 2989226 A1 20131011;
FR 2989226 B1 20191220; JP 2015519685 A 20150709; US 2015079497 A1 20150319; WO 2013153103 A1 20131017

DOCDB simple family (application)
FR 1253269 A 20120410; CA 2868486 A 20130410; CN 201380026561 A 20130410; EP 13717241 A 20130410; EP 2013057470 W 20130410;
FR 1254216 A 20120509; JP 2015504938 A 20130410; US 201314391895 A 20130410