

Title (en)

ELECTROLYTE FOR AN SOFC BATTERY, AND METHOD FOR MAKING SAME

Title (de)

ELEKTROLYT FÜR EINE SOFC-BATTERIE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

ELECTROLYTE POUR PILE SOFC ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2335311 A1 20110622 (FR)

Application

EP 09740484 A 20090824

Priority

- FR 2009051617 W 20090824
- FR 0856120 A 20080911

Abstract (en)

[origin: WO2010029242A1] The invention relates to a method for producing an electrolyte for an SOFC battery, including a step of CVD-depositing at least one stack of three layers of YSZ/X/YSZ materials onto a substrate, X being a material different from YSZ.

IPC 8 full level

H01M 4/88 (2006.01); **H01M 4/86** (2006.01); **H01M 8/12** (2006.01)

CPC (source: EP KR US)

C04B 35/01 (2013.01 - KR); **C04B 35/64** (2013.01 - KR); **H01M 4/8621** (2013.01 - EP US); **H01M 4/8657** (2013.01 - EP US);
H01M 4/8885 (2013.01 - EP US); **H01M 8/02** (2013.01 - KR); **H01M 8/12** (2013.01 - KR); **H01M 8/1246** (2013.01 - EP US);
H01M 8/1253 (2013.01 - EP US); **H01M 8/126** (2013.01 - EP US); **H01M 8/1266** (2013.01 - EP US); **H01M 2008/1293** (2013.01 - EP US);
H01M 2300/0077 (2013.01 - EP US); **H01M 2300/0094** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US)

Citation (search report)

See references of WO 2010029242A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

FR 2935843 A1 20100312; FR 2935843 B1 20110211; EP 2335311 A1 20110622; JP 2012502441 A 20120126; KR 20110074528 A 20110630;
US 2011236794 A1 20110929; US 8592101 B2 20131126; WO 2010029242 A1 20100318

DOCDB simple family (application)

FR 0856120 A 20080911; EP 09740484 A 20090824; FR 2009051617 W 20090824; JP 2011526536 A 20090824; KR 20117008330 A 20090824;
US 200913063360 A 20090824