

Title (en)

ANODE FOR A FUEL CELL, AND METHOD FOR MANUFACTURING SAID ANODE

Title (de)

ANODE FÜR EINE BRENNSTOFFZELLE UND VERFAHREN ZUR HERSTELLUNG DER ANODE

Title (fr)

ANODE POUR PILE À COMBUSTIBLE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3545578 A1 20191002 (DE)

Application

EP 17783435 A 20171004

Priority

- DE 102016223293 A 20161124
- EP 2017075198 W 20171004

Abstract (en)

[origin: WO2018095631A1] The invention relates to an anode (10) for a fuel cell, in particular a solid oxide fuel cell, said anode (10) being formed at least substantially by a ceramic-metal composite material (12) doped with at least one additive (14). According to the invention, the additive (14) has a specific surface area of at least 20 m²/g.

IPC 8 full level

H01M 4/90 (2006.01); **H01M 4/86** (2006.01); **H01M 4/88** (2006.01); **H01M 8/12** (2016.01)

CPC (source: EP)

H01M 4/8605 (2013.01); **H01M 4/8885** (2013.01); **H01M 4/8889** (2013.01); **H01M 4/9066** (2013.01); **H01M 8/12** (2013.01);
H01M 2008/1293 (2013.01)

Citation (search report)

See references of WO 2018095631A1

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)

DE 102016223293 A1 20180524; CN 109964349 A 20190702; EP 3545578 A1 20191002; JP 2019536237 A 20191212;
JP 7105772 B2 20220725; WO 2018095631 A1 20180531

DOCDB simple family (application)

DE 102016223293 A 20161124; CN 201780072550 A 20171004; EP 17783435 A 20171004; EP 2017075198 W 20171004;
JP 2019527890 A 20171004