

Title (en)

Anode for electrolysis and method of electrolytically synthesizing fluorine-containing substance using the anode for electrolysis

Title (de)

Anode zur Elektrolyse und Verfahren zum elektrolytischen Synthetisieren einer fluorhaltigen Substanz mittels der Anode zur Elektrolyse

Title (fr)

Anode pour électrolyse et procédé de synthèse électrolytique d'une substance contenant du fluor à l'aide de l'anode pour électrolyse

Publication

**EP 2570517 B1 20170405 (EN)**

Application

**EP 12008314 A 20100202**

Priority

- EP 10152341 A 20100202
- JP 2009021157 A 20090202

Abstract (en)

[origin: EP2213770A1] The present invention provides an electrode for electrolysis, wherein the electrode comprises: a substrate comprising an electrically conductive material, wherein the surface of the substrate is made of glassy carbon; and an electrically conductive diamond film with which at least part of the substrate is coated.

IPC 8 full level

**C25B 3/28** (2021.01)

CPC (source: EP KR US)

**C25B 1/245** (2013.01 - EP KR US); **C25B 11/043** (2021.01 - EP KR US); **C25B 11/051** (2021.01 - EP KR US)

Citation (examination)

- EP 2210968 A1 20100728 - TOYO TANSO CO [JP]
- NODA T ET AL: "Glass-like carbons", JOURNAL OF NON-CRYSTALLINE SOLIDS, NORTH-HOLLAND PHYSICS PUBLISHING. AMSTERDAM, NL, vol. 1, no. 4, 1 June 1969 (1969-06-01), pages 285 - 302, XP024060632, ISSN: 0022-3093, [retrieved on 19690601], DOI: 10.1016/0022-3093(69)90026-X

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

DOCDB simple family (publication)

**EP 2213770 A1 20100804**; CN 101928956 A 20101229; CN 103014756 A 20130403; EP 2570517 A1 20130320; EP 2570517 B1 20170405; JP 2010174358 A 20100812; KR 101625010 B1 20160527; KR 20100089037 A 20100811; TW 201035384 A 20101001; TW I496953 B 20150821; US 2010193371 A1 20100805

DOCDB simple family (application)

**EP 10152341 A 20100202**; CN 201010106661 A 20100201; CN 201210400995 A 20100201; EP 12008314 A 20100202; JP 2009021157 A 20090202; KR 20100009597 A 20100202; TW 99102983 A 20100202; US 69759310 A 20100201