

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

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Application

**EP 12008314 A 20100202**

Priority

- EP 10152341 A 20100202
- JP 2009021157 A 20090202

Abstract (en)

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

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Citation (applicant)

- JP 2000204492 A 20000725 - JAPAN SCIENCE & TECH CORP
- JP 2006249557 A 20060921 - PERMELEC ELECTRODE LTD, et al
- US 6241956 B1 20010605 - SAITO KAZUO [JP], et al

Citation (search report)

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- [ID] US 2006219570 A1 20061005 - FURUTA TSUNETO [JP], et al
- [I] US 2008314759 A1 20081225 - FURUTA TSUNETO [JP], et al
- [A] EP 1031645 A1 20000830 - SUISSE ELECTRONIQUE MICROTECH [CH]
- [AD] US 6241956 B1 20010605 - SAITO KAZUO [JP], et al
- [I] M SHIZUNO ET AL: "Electrolysis of (CH<sub>3</sub>)<sub>4</sub>NF<sub>5</sub>H melt with Boron-doped diamond anode", 214TH ECS MEETING, 1 January 2008 (2008-01-01), XP055052863, Retrieved from the Internet <URL:http://ma.ecsdl.org/content/MA2008-02/42/2650.full.pdf> [retrieved on 20130208]

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DOCDB simple family (publication)

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DOCDB simple family (application)

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