Title (en)

CONDUCTIVE MATERIAL AND METHOD FOR PRODUCING SAME

Title (de)

LEITFÄHIGES MATERIAL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

MATÉRIAU CONDUCTEUR ET SON PROCÉDÉ DE PRODUCTION

Publication

EP 3431635 A4 20190807 (EN)

Application

EP 17766327 A 20170227

Priority

- JP 2016055432 A 20160318
- JP 2016128561 A 20160629
- JP 2017007520 W 20170227

Abstract (en)

[origin: EP3431635A1] Provided is a conductive material including: a base material that is conductive at least at a surface thereof; and a titanium film on the surface of the base material, the titanium film having an average film thickness of not less than 1 μm and not more than 300 μm.

IPC 8 full level

C25D 3/66 (2006.01); **C22B 34/12** (2006.01)

CPC (source: EP KR US)

C22C 14/00 (2013.01 - EP US); **C25C 3/28** (2013.01 - EP US); **C25D 3/54** (2013.01 - US); **C25D 3/56** (2013.01 - US); **C25D 3/66** (2013.01 - EP KR US); **C25D 17/10** (2013.01 - KR)

Citation (search report)

- [XD] JP 2015193899 A 20151105 - SUMITOMO ELECTRIC INDUSTRIES, et al
- [XY] CN 103060862 B 20150812
- [XY] US 2005166706 A1 20050804 - WITHERS JAMES C [US], et al
- [X] CHEN GUANG-SEN ET AL: "Electrochemical studies of titanium in fluoride-chloride molten salts", JOURNAL OF APPLIED ELECTROCHEMISTRY, vol. 18, 1 January 1988 (1988-01-01), pages 80 - 85, XP055599844
- See references of WO 2017159324A1

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

DOCDB simple family (publication)

EP 3431635 A1 20190123; **EP 3431635 A4 20190807**; CN 108884582 A 20181123; JP 6802255 B2 20201216; JP WO2017159324 A1 20190124; KR 20180124043 A 20181120; US 2019093249 A1 20190328; WO 2017159324 A1 20170921

DOCDB simple family (application)

EP 17766327 A 20170227; CN 201780018209 A 20170227; JP 2017007520 W 20170227; JP 2018505776 A 20170227; KR 20187026591 A 20170227; US 201716085725 A 20170227