

Title (en)

ELECTROCHEMICAL EXFOLIATION OF 2D MATERIALS

Title (de)

ELEKTROCHEMISCHE EXFOLIATION VON 2D-MATERIALIEN

Title (fr)

EXFOLIATION ÉLECTROCHIMIQUE DE MATÉRIAUX BIDIMENSIONNELS

Publication

EP 3384068 B1 20200916 (EN)

Application

EP 16802109 A 20161130

Priority

- GB 201521056 A 20151130
- EP 2016079281 W 20161130

Abstract (en)

[origin: WO2017093321A1] A method for the production of non-carbon-based 2D materials and/or non-carbon-based 2D material nanoplatelet structures having a thickness of less than 100 nm in an electrochemical cell having a negative electrode which comprises a non-carbon-based bulk 2D material and an electronically conducting material such as a metal.

IPC 8 full level

C25B 1/00 (2006.01)

CPC (source: EP US)

C25B 1/00 (2013.01 - EP US)

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)

WO 2017093321 A1 20170608; CL 2018000910 A1 20180831; CN 108463578 A 20180828; CN 108463578 B 20200728; EP 3384068 A1 20181010; EP 3384068 B1 20200916; GB 201521056 D0 20160113; US 2018312983 A1 20181101

DOCDB simple family (application)

EP 2016079281 W 20161130; CL 2018000910 A 20180409; CN 201680070134 A 20161130; EP 16802109 A 20161130; GB 201521056 A 20151130; US 201615770046 A 20161130