

Title (en)

ELECTROCHEMICAL EXFOLIATION OF 2D MATERIALS

Title (de)

ELEKTROCHEMISCHE EXFOLIATION VON 2D-MATERIALIEN

Title (fr)

EXFOLIATION ÉLECTROCHIMIQUE DE MATÉRIAUX BIDIMENSIONNELS

Publication

EP 3384068 A1 20181010 (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)

Citation (search report)

See references of WO 2017093321A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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