

Title (en)

CORE-SHELL NANOPLATELETS AND USES THEREOF

Title (de)

KERN-SCHALE-NANOPLÄTTCHEN UND VERWENDUNGEN DAVON

Title (fr)

NANOPLAQUETTES COEUR-ÉCORCE ET LEURS UTILISATIONS

Publication

EP 3433881 A1 20190130 (EN)

Application

EP 17712795 A 20170324

Priority

- EP 16162423 A 20160324
- US 201662312777 P 20160324
- EP 2017057126 W 20170324

Abstract (en)

[origin: WO2017162878A1] The invention related to a formulation of semiconductor nanoplatelets, comprising at least one nanoplatelet comprising a nanoplatelet core and a shell on the surface of the nanoplatelet core, wherein the formulation is substantially free of molecular oxygen and/or molecular water, and uses thereof.

IPC 8 full level

H01L 33/50 (2010.01); **C09K 11/00** (2006.01); **H01L 33/52** (2010.01)

CPC (source: EP)

H01L 33/505 (2013.01); **H01L 33/52** (2013.01); **C09K 11/00** (2013.01); **H01L 33/502** (2013.01); **H01L 33/507** (2013.01)

Citation (search report)

See references of WO 2017162878A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017162878 A1 20170928; EP 3433881 A1 20190130

DOCDB simple family (application)

EP 2017057126 W 20170324; EP 17712795 A 20170324