

Title (en)

NANOSTRUCTURED TITANIUM ALLOY AND METHOD FOR THERMOMECHANICALLY PROCESSING THE SAME

Title (de)

NANOSTRUKTURIERTE TITANLEGIERUNG UND VERFAHREN ZUR THERMOMECHANISCHEN BEARBEITUNG DAVON

Title (fr)

ALLIAGE DE TITANE NANOSTRUCTURÉ ET PROCÉDÉ DE TRAITEMENT THERMOMÉCANIQUE DE CE DERNIER

Publication

EP 3117016 A2 20170118 (EN)

Application

EP 15811866 A 20150313

Priority

- US 201414212344 A 20140314
- US 2015020389 W 20150313

Abstract (en)

[origin: WO2015199769A2] A nanostructured titanium alloy article is provided. The nanostructured alloy includes a developed titanium structure having at least 80% of grains of a grain size < 1.0 microns.

IPC 8 full level

C22C 14/00 (2006.01)

CPC (source: EP US)

C22C 14/00 (2013.01 - EP US); **C22F 1/183** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015199769 A2 20151230; WO 2015199769 A3 20160303; CN 106460101 A 20170222; EP 3117016 A2 20170118; EP 3117016 A4 20171108; JP 2017512901 A 20170525; US 2016108499 A1 20160421

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US 2015020389 W 20150313; CN 201580022326 A 20150313; EP 15811866 A 20150313; JP 2016557304 A 20150313; US 201414212344 A 20140314