

Title (en)

SELF-LUBRICATING COMPOSITE COATING

Title (de)

VERBUNDSTOFFLAGER MIT SELBSTSCHMIERUNG

Title (fr)

REVETEMENT COMPOSITE AUTO-LUBRIFIANT

Publication

**EP 3204535 A1 20170816 (FR)**

Application

**EP 15784289 A 20151005**

Priority

- EP 14188163 A 20141008
- EP 2015072927 W 20151005

Abstract (en)

[origin: WO2016055409A1] The invention concerns a self-lubricating solid composite coating intended, in particular, for application in timepiece mechanisms, characterised in that it comprises graphene and/or graphene oxide particles (3) distributed in a metal matrix (4).

IPC 8 full level

**C25D 7/00** (2006.01); **C25D 3/12** (2006.01); **C25D 3/56** (2006.01); **C25D 5/12** (2006.01); **C25D 5/48** (2006.01); **C25D 5/50** (2006.01);  
**C25D 15/00** (2006.01)

CPC (source: CN EP US)

**C10M 103/04** (2013.01 - US); **C10M 125/02** (2013.01 - US); **C25D 3/12** (2013.01 - CN EP US); **C25D 3/562** (2013.01 - CN);  
**C25D 5/12** (2013.01 - CN EP US); **C25D 5/48** (2013.01 - CN EP US); **C25D 5/50** (2013.01 - CN EP US); **C25D 7/005** (2013.01 - CN EP US);  
**C25D 15/00** (2013.01 - CN EP US); **C10M 2201/041** (2013.01 - US); **C10M 2201/053** (2013.01 - US); **C10N 2040/06** (2013.01 - US);  
**C25D 3/562** (2013.01 - EP US); **G04B 15/14** (2013.01 - EP US); **G04B 31/08** (2013.01 - EP US); **G04D 3/0087** (2013.01 - EP US)

Citation (search report)

See references of WO 2016055409A1

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)

**EP 3006605 A1 20160413**; CN 106795640 A 20170531; CN 106795640 B 20190308; EP 3204535 A1 20170816; EP 3204535 B1 20210721;  
JP 2017531714 A 20171026; JP 6360973 B2 20180718; US 10047450 B2 20180814; US 2017298528 A1 20171019;  
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DOCDB simple family (application)

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