

Title (en)

METHOD FOR COATING AN OBJECT BY MEANS OF A MULTILAYER SYSTEM WITH A NICKEL-PHOSPHORUS ALLOY

Title (de)

VERFAHREN ZUR BESCHICHTUNG EINES GEGENSTANDS MITTELS EINES MEHRSCICHTSYSTEMS MIT EINER NICKEL-PHOSPHOR-
LEGIERUNG

Title (fr)

PROCÉDÉ DE REVÊTEMENT D'UN OBJET PAR UN SYSTÈME MULTICOUCHE D'UN ALLIAGE NICKEL-PHOSPHORE

Publication

EP 3445892 A1 20190227 (DE)

Application

EP 17720678 A 20170419

Priority

- DE 102016004913 A 20160422
- EP 2017000498 W 20170419

Abstract (en)

[origin: WO2017182123A1] The invention relates to a method for coating an object (1), wherein a surface (3) of the object (1) is at least partially coated with a coating (4) which has a plurality of layers (5, 6, 7, 8, 9), wherein at least one layer (5, 6, 7, 8, 9) of the coating (4) is made of a nickel-phosphorus alloy and wherein a mass fraction of the phosphorus in the nickel-phosphorus alloy is at least 8 %.

IPC 8 full level

C23C 28/02 (2006.01); **C23C 28/00** (2006.01); **C25D 3/12** (2006.01); **C25D 3/56** (2006.01); **C25D 5/12** (2006.01); **C25D 5/14** (2006.01)

CPC (source: EP US)

C23C 28/023 (2013.01 - EP US); **C23C 28/322** (2013.01 - EP US); **C23C 28/34** (2013.01 - EP US); **C23C 28/343** (2013.01 - EP US);
C25D 3/06 (2013.01 - EP US); **C25D 3/08** (2013.01 - EP US); **C25D 3/562** (2013.01 - EP US); **C25D 5/14** (2013.01 - EP US);
C25D 5/611 (2020.08 - EP US); **C25D 5/617** (2020.08 - EP US); **C25D 5/627** (2020.08 - EP US); **C25D 3/12** (2013.01 - EP US);
C25D 5/56 (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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017182123 A1 20171026; CN 109072448 A 20181221; DE 102016004913 A1 20171026; DE 202017007674 U1 20240209;
EP 3445892 A1 20190227; EP 3445892 B1 20230531; EP 4212647 A1 20230719; US 10837117 B2 20201117; US 2019055664 A1 20190221

DOCDB simple family (application)

EP 2017000498 W 20170419; CN 201780012036 A 20170419; DE 102016004913 A 20160422; DE 202017007674 U 20170419;
EP 17720678 A 20170419; EP 23160921 A 20170419; US 201816166676 A 20181022