

Title (en)

FASTENING MEANS AND ASSOCIATED PRODUCTION METHOD

Title (de)

BEFESTIGUNGSMITTEL UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)

MOYEN DE FIXATION ET PROCÉDÉ DE PRODUCTION CORRESPONDANT

Publication

**EP 2542790 A1 20130109 (DE)**

Application

**EP 11701214 A 20110112**

Priority

- DE 102010002579 A 20100304
- EP 2011050293 W 20110112

Abstract (en)

[origin: WO2011107303A1] The invention relates to a fastening means (10) with a basic body (12) made from a base metal, onto which at least one corrosion-resistant layer (14) is applied. According to the invention, a further layer (16) is applied at least partially onto the at least one corrosion-resistant layer (14), which further layer (16) has a lower coefficient of friction than the at least one corrosion-resistant layer (14).

IPC 8 full level

**F16B 33/00** (2006.01); **F16B 1/00** (2006.01); **F16B 33/06** (2006.01)

CPC (source: EP KR US)

**F16B 33/008** (2013.01 - EP KR US); **F16B 33/06** (2013.01 - EP KR US); **F16B 2200/79** (2023.08 - EP KR US); **Y10T 428/12493** (2015.01 - EP US); **Y10T 428/12625** (2015.01 - EP US); **Y10T 428/12708** (2015.01 - EP US); **Y10T 428/12736** (2015.01 - EP US); **Y10T 428/12792** (2015.01 - EP US); **Y10T 428/12903** (2015.01 - EP US)

Citation (search report)

See references of WO 2011107303A1

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

DOCDB simple family (publication)

**DE 102010002579 A1 20110908**; CN 103097748 A 20130508; EP 2542790 A1 20130109; JP 2013521445 A 20130610; KR 20130014507 A 20130207; US 2013195580 A1 20130801; WO 2011107303 A1 20110909

DOCDB simple family (application)

**DE 102010002579 A 20100304**; CN 201180011978 A 20110112; EP 11701214 A 20110112; EP 2011050293 W 20110112; JP 2012555339 A 20110112; KR 20127022990 A 20110112; US 201113581959 A 20110112