Title (en)

Method for coating, pole tube and device for executing the method

Title (de)

Verfahren zum Beschichten, Polrohr und Vorrichtung zum Durchführen des Verfahrens

Title (fr)

Procédé de revêtement, tube polaire et dispositif pour la réalisation du procédé

Publication

EP 2503031 A3 20140305 (DE)

Application

EP 12000174 A 20120113

Priority

DE 102011014605 A 20110322

Abstract (en)

[origin: EP2503031A2] The method involves forming a corrosion protection layer on a workpiece. A metallic bonding layer is applied electrolytically on boundary surface of workpiece, before formation of corrosion protection layer. The metallic bonding layer is made of electrolytic nickel strike. The corrosion protection layer is made of zinc material. Independent claims are included for the following: (1) pipe pile; (2) apparatus for coating two different metallic materials on surface regions of workpiece; and (3) clamping leg.

IPC 8 full level

C25D 5/34 (2006.01); **C25D 5/12** (2006.01); **C25D 17/00** (2006.01); **C25D 17/06** (2006.01); **H01F 7/08** (2006.01)

CPC (source: EP US)

C25D 5/12 (2013.01 - EP US); **C25D 5/36** (2013.01 - EP US); **C25D 7/04** (2013.01 - EP US); **C25D 17/005** (2013.01 - EP US); **C25D 17/06** (2013.01 - EP US); **C25D 17/08** (2013.01 - EP US); **H01F 7/081** (2013.01 - EP US); C25D 3/12 (2013.01 - EP US); C25D 5/48 (2013.01 - EP US); Y10T 428/1241 (2015.01 - EP US)

Citation (search report)

- [XI] US 2007272900 A1 20071129 - YOSHIDA MASAYUKI [JP], et al
- [E] EP 2412848 A1 20120201 - BAYERISCHE MOTOREN WERKE AG [DE]
- [I] EP 1450380 A1 20040825 - TOYODA MACHINE WORKS LTD [JP]
- [A] US 4497876 A 19850205 - KIDON WILLIAM E [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)

EP 2503031 A2 20120926; **EP 2503031 A3 20140305**; CN 102691082 A 20120926; CN 102691082 B 20170426; DE 102011014605 A1 20120927; US 2012244374 A1 20120927; US 9181627 B2 20151110

DOCDB simple family (application)

EP 12000174 A 20120113; CN 201210075500 A 20120321; DE 102011014605 A 20110322; US 201213425655 A 20120321