

Title (en)

Method for a protective coating against wear and corrosion

Title (de)

Verfahren zur Verschleiss-und Korrosionsschutzbeschichtung

Title (fr)

Procédé destiné à un revêtement de protection contre l'usure et la corrosion

Publication

EP 1832671 A3 20100728 (DE)

Application

EP 07003253 A 20070215

Priority

DE 10610521 A 20060307

Abstract (en)

[origin: EP1832671A2] A two-stage process protects lightweight automotive and/or aerospace magnesium components from corrosion and mechanical wear. In a first stage the magnesium is coated with pure aluminum or suitable alloy by cold gas sputtering. In the second stage the aluminum coating is oxidized by an anode process.

IPC 8 full level

C25D 11/04 (2006.01); **C23C 24/04** (2006.01); **C25D 11/16** (2006.01)

CPC (source: EP)

C23C 24/04 (2013.01); **C23C 28/322** (2013.01); **C23C 28/345** (2013.01); **C25D 11/04** (2013.01); **C25D 11/16** (2013.01)

Citation (search report)

- [X] DE 10359046 A1 20050728 - NEWSPRAY GMBH RHEINFELDEN [CH]
- [E] EP 1829988 A1 20070905 - PRAXAIR SURFACE TECHNOLOGIES G [DE], et al

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EP2204473A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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