

Title (en)

LAYER SYSTEM WITH DOUBLE MCrAlX METALLIC LAYER

Title (de)

SCHICHTSYSTEM MIT ZWEILAGIGER MCrAlX METALLISCHER SCHICHT

Title (fr)

SYSTÈME DE REVÊTEMENT COMPRENANT UNE DOUBLE COUCHE MÉTALLIQUE MCrAlX

Publication

**EP 2729302 A1 20140514 (DE)**

Application

**EP 11764501 A 20110912**

Priority

EP 2011065736 W 20110912

Abstract (en)

[origin: WO2013037391A1] Known protective coatings with a high Cr-content and silicon as an additive have brittle phases which become additionally brittle under the influence of carbon during use. The protective coating according to the invention has a double metallic layer that only contains tantalum on the outside.

IPC 8 full level

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CPC (source: EP KR US)

**B32B 15/00** (2013.01 - KR); **B32B 15/01** (2013.01 - EP KR US); **B32B 33/00** (2013.01 - US); **C22C 19/00** (2013.01 - KR); **C22C 19/03** (2013.01 - EP KR US); **C22C 19/05** (2013.01 - EP KR US); **C22C 19/058** (2013.01 - EP US); **C22C 21/00** (2013.01 - KR); **C22C 30/00** (2013.01 - EP US); **C23C 28/30** (2013.01 - EP US); **C23C 28/321** (2013.01 - EP US); **F01D 5/288** (2013.01 - EP US); **F01D 25/005** (2013.01 - US); **F01D 25/007** (2013.01 - US); **B32B 2250/03** (2013.01 - US); **B32B 2255/06** (2013.01 - US); **B32B 2255/20** (2013.01 - US); **B32B 2311/22** (2013.01 - US); **B32B 2603/00** (2013.01 - US); **Y02T 50/60** (2013.01 - US); **Y10T 428/12618** (2015.01 - EP US); **Y10T 428/12931** (2015.01 - EP US); **Y10T 428/12937** (2015.01 - EP US); **Y10T 428/12944** (2015.01 - EP US)

Citation (search report)

See references of WO 2013037391A1

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