

Title (en)  
Anti-corrosion and anti-erosion protective coating

Title (de)  
Schutzschicht gegen Korrosion und Erosion

Title (fr)  
Couche de protection contre la corrosion et l'érosion

Publication  
**EP 2754733 A1 20140716 (DE)**

Application  
**EP 13151157 A 20130114**

Priority  
EP 13151157 A 20130114

Abstract (en)  
A layer system (1) comprises a substrate (4) containing 6-18% chromium-containing steel, a cathodic-effective protecting layer (7) from a metal alloy directly on the substrate (4), and hard erosion protection layer (10) as outermost layer.

Abstract (de)  
Durch die Verwendung einer weichen Korrosionsschutzschicht in einer äußeren harten Erosionsschutzschicht wird eine verbesserte Korrosion und Erosionsbeständigkeit erreicht.

IPC 8 full level  
**C23C 28/00** (2006.01)

CPC (source: EP)  
**C23C 28/00** (2013.01); **C23C 28/30** (2013.01); **C23C 28/32** (2013.01); **C23C 28/321** (2013.01); **C23C 28/322** (2013.01); **C23C 28/34** (2013.01)

Citation (applicant)  
• EP 1204776 B1 20040602 - SIEMENS AG [DE], et al  
• EP 1306454 A1 20030502 - SIEMENS AG [DE]  
• EP 1319729 A1 20030618 - SIEMENS AG [DE]  
• WO 9967435 A1 19991229 - SIEMENS AG [DE], et al  
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• EP 0486489 B1 19941102 - SIEMENS AG [DE]  
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• EP 0412397 B1 19980325 - SIEMENS AG [DE]  
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Citation (search report)  
• [X] EP 2226409 A2 20100908 - GEN ELECTRIC [US]  
• [X] EP 0366289 A1 19900502 - MIDWEST RESEARCH TECHNOLOGIES [US]  
• [X] US 2012171511 A1 20120705 - CHANG HSIN-PEI [TW], et al  
• [X] US 2010247321 A1 20100930 - KULKARNI AMBARISH JAYANT [US], et al

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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)  
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