

Title (en)
CORROSION-RESISTANT SUBSTRATE COMPRISING A CR(VI)-FREE TRIPLE-LAYER COATING, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
KORROSIONBESTÄNDIGES SUBSTRAT MIT EINER CR(VI)-FREIEN DREILAGIGEN BESCHICHTUNG UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
SUBSTRAT ANTICORROSION ET SON PROCÉDÉ DE PRODUCTION

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EP 2041333 A2 20090401 (DE)

Application
EP 07764332 A 20070521

Priority
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Abstract (en)
[origin: WO2008003273A2] Disclosed is a corrosion-resistant substrate (10) that is coated with a Cr(VI)-free corrosion-resistant triple-layer coating (2, 4, 5). Said substrate (10) is essentially composed of a steel or a Fe-based alloy that can be phosphated. A phosphating layer is placed directly on a bottom substrate (1) of the substrate (10), a silane layer is arranged directly on the phosphating layer (2), and an organically modified polysiloxane layer (5) is disposed directly on the silane layer (4).

IPC 8 full level
B05D 7/00 (2006.01); **C09D 183/04** (2006.01); **C23C 18/12** (2006.01); **C23C 22/74** (2006.01); **C23C 22/83** (2006.01); **C23C 28/00** (2006.01)

CPC (source: EP)
B05D 7/52 (2013.01); **C09D 5/08** (2013.01); **C09D 5/18** (2013.01); **C23C 22/74** (2013.01); **C23C 22/83** (2013.01); **C23C 28/00** (2013.01); **B05D 2201/00** (2013.01); **B05D 2350/10** (2013.01); **C23C 2222/20** (2013.01)

Citation (search report)
See references of WO 2008003273A2

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DOCDB simple family (publication)
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