

Title (en)

COMPOSITION AND PROCESS FOR PREPARING PROTECTIVE COATINGS ON METAL SUBSTRATES

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG VON SCHUTZÜBERZÜGEN AUF METALLSUBSTRATEN

Title (fr)

COMPOSITION ET PROCEDE DE PREPARATION DE REVETEMENTS DE PROTECTION SUR DES SUBSTRATS METALLIQUES

Publication

EP 1863952 B1 20130306 (EN)

Application

EP 05851727 A 20051114

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- US 7610605 A 20050215
- US 11616505 A 20050421
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Abstract (en)

[origin: WO2006088521A2] This invention comprises an acidic aqueous solution for treating metal substrates to improve the adhesion bonding and corrosion protection of the metal surface which comprises effective amounts of water soluble trivalent chromium compounds, fluorozirconates, effective amounts of at least one corrosion inhibitors such as benzotriazole, fluorometallic compounds, zinc compounds, thickeners, surfactants, and at least about 0.001 mole per liter of the acidic solution of a polyhydroxy and/or carboxylic compound as a stabilizing agent for the aqueous solution.

IPC 8 full level

C23C 22/34 (2006.01); **C23C 22/83** (2006.01)

CPC (source: EP KR)

C22C 21/00 (2013.01 - KR); **C23C 22/06** (2013.01 - KR); **C23C 22/34** (2013.01 - EP KR); **C23C 22/77** (2013.01 - KR); **C23C 22/83** (2013.01 - EP KR); **C23C 2222/10** (2013.01 - EP KR)

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