

Title (en)

ANTI-CORROSIVE TREATMENT FOR SURFACES MADE OF ZINC AND ZINC ALLOYS

Title (de)

KORROSIONSSCHUTZBEHANDLUNG FÜR OBERFLÄCHEN AUS ZINK UND ZINKLEGIERUNGEN

Title (fr)

TRAITEMENT DE PROTECTION ANTICORROSION POUR DES SURFACES À BASE DE ZINC ET D'ALLIAGES DE ZINC

Publication

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Application

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Abstract (en)

[origin: WO2011000969A1] The invention relates to a method for producing an anti-corrosive cover layer, a surface to be treated being brought into contact with an aqueous treatment solution containing chromium(III) ions and at least one phosphate compound and an organosol. The method improves the anti-corrosion protection of metal, in particular zinc-containing, surfaces and zinc-containing surfaces provided with conversion layers. This produces or improves the decorative and functional properties of the surfaces. In addition, it avoids the known problems arising with the use of chromium(VI)-containing compounds or multi-stage processes in which a chromium ion-containing passivation layer and a seal are applied consecutively.

IPC 8 full level

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