

Title (en)

CHROMIUM(VI)-FREE COMPOSITION FOR PROTECTION OF A GALVANIZED METAL SURFACE AGAINST CORROSION, PROCESS FOR PRODUCING IT AND PULLEY

Title (de)

CHROM (VI)-FREI ZUSAMMENSETZUNG ZUM SCHUTZ EINER VERZINKTE METALLOBERFLÄCHE VOR KORROSION, VERFAHREN ZU DESSEN HERSTELLUNG SOWIE RIEMENSCHLEIBE

Title (fr)

COMPOSITION SANS CHROME (VI) POUR PROTEGER UNE SURFACE METALLIQUE GALVANISEE DE LA CORROSION, SON PROCEDE DE FABRICATION ET POULIE

Publication

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Application

**EP 06830602 A 20061213**

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Abstract (en)

[origin: WO2007082613A1] The present invention relates to an arrangement for protecting a substrate against corrosion, comprising a substrate, in particular a metallic substrate, and an electrically conductive corrosion protection layer applied to the substrate to protect the substrate against corrosion, which layer has a zinc-containing layer which has been applied to the substrate and has a passivation layer which has been applied to the zinc-containing layer for passivating the zinc-containing layer and contains many particles of hard material which have such a nature that the particles of hard material increase the coefficient of friction on a free surface of the passivation layer compared to a conversion layer without particles of hard material but leave the electrical conductivity of the passivation layer essentially unchanged. The invention further relates to a process for producing such an arrangement and a pulley.

IPC 8 full level

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