

Title (en)

METHOD FOR THE CORROSION PROTECTION AND CLEANING PRETREATMENT OF METALLIC COMPONENTS

Title (de)

VERFAHREN ZUR KORROSIONSSCHÜTZENDEN UND REINIGENDEN VORBEHANDLUNG VON METALLISCHEN BAUTEILEN

Title (fr)

PROCÉDÉ DE PRÉTRAITEMENT DE PROTECTION ANTICORROSION ET DE NETTOYAGE DE COMPOSANTS MÉTALLIQUES

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Application

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Abstract (en)

[origin: CA3047184A1] The present invention relates to a method for the corrosion-protective and cleaning pretreatment of metallic components, produced at least partially from metallic materials from the elements iron, zinc and/or aluminium, with the use of an acid aqueous composition containing, in addition to the water-soluble compounds of the elements Zr and/or Ti causing the conversion of the metal surface, a mixture of an aliphatic diol and an aliphatic saturated polyhydroxy compound. It also comprises a chrome(VI)-free aqueous composition based on the constituents mentioned above which delivers outstanding results in cleaning and simultaneous corrosion-protective conversion of technical metal surfaces in one method step.

IPC 8 full level

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