

Title (en)
SURFACE TREATMENT AGENT FOR ZINCIFEROUS-PLATED STEEL

Title (de)
OBERFLÄCHENBEHANDLUNGSMITTEL FÜR EISEN-ZINK-OBERFLÄCHEN

Title (fr)
AGENT DE TRAITEMENT DE SURFACE POUR ACIER ZINGUE

Publication
EP 0742849 A1 19961120 (EN)

Application
EP 95909324 A 19950201

Priority
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• US 9500977 W 19950201

Abstract (en)
[origin: WO9521277A1] A chromium-free aqueous liquid surface treatment agent that can impart both a good corrosion resistance and a good paint adherence to zinciferous-plated steel sheet contains as its essential components polyhydroxyaryl carboxylic acid and/or depside thereof and silane coupling agent with the formula (YR)mRnSiX(4-m-n), in which R denotes alkyl groups; X is the methoxy or ethoxy group; Y is the vinyl, amino, mercapto, glycidoxy, or methacryloxy group; m = 1 to 3; and n = 0 to (3-m). The total content of said essential components is preferably 1 to 50 weight %.

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C23C 22/05; **C23C 22/06**; **C23C 22/53**

IPC 8 full level
B05D 3/10 (2006.01); **B05D 7/14** (2006.01); **B05D 7/16** (2006.01); **C09D 5/00** (2006.01); **C09D 5/08** (2006.01); **C23C 22/34** (2006.01); **C23C 22/53** (2006.01); **C23C 22/68** (2006.01)

CPC (source: EP)
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