

Title (en)
METHOD FOR THE CARBOXYLATION TREATMENT OF METAL SURFACES, USE OF SAID METHOD IN ORDER TO PROVIDE TEMPORARY PROTECTION AGAINST CORROSION AND METHOD FOR PRODUCING SHAPED SHEET METAL THUS CARBOXYLATED

Title (de)
BEHANDLUNGSVERFAHREN DER METALLISCHEN OBERFLÄCHEN DURCH CARBOXILIERUNG, BENUTZUNG DIESES VERFAHRENS FÜR DEN ZEITWEILIGEN KORROSIONSSCHUTZ UND VERFAHREN ZUR HERSTELLUNG EINES GEFORMTEN CARBOXYLIERTEN BLECHES

Title (fr)
PROCEDE DE TRAITEMENT PAR CARBOXYLATION DE SURFACES METALLIQUES, UTILISATION DE CE PROCEDE POUR LA PROTECTION TEMPORAIRE CONTRE LA CORROSION, ET PROCEDE DE FABRICATION D'UNE TOLE MISE EN FORME AINSI CARBOXYLATEE

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Application
EP 06847093 A 20061220

Priority
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Abstract (en)
[origin: EP1801262A1] Conversion process comprises carboxylation of a metallic surface e.g. zinc, iron, aluminum, copper, lead and their alloys, galvanized steels, electrozincated, aluminized, coppered, under oxidizing conditions with an aqueous/organic water bath containing a mixture of organic acids comprising 10-18 carbon atoms. Conversion process comprises carboxylation of a metallic surface e.g. zinc, iron, aluminum, copper, lead and their alloys or galvanized, electrozincated, aluminized or coppered steels under oxidizing with an aqueous/organic water bath containing a mixture of organic acids comprising 10-18 carbon atoms in a binary or ternary form, where respective proportions of for the binary acid mixture is $x + 5:y + 5$ molar ratio, where x and y are two acids in a mixture in the eutectic composition and for a ternary mixture $x + 3:y + 3:z + 3$ molar ratio, x, y and z are three acids in a mixture in the eutectic composition in which the concentration of the mixture is ≥ 20 g/l.

IPC 8 full level
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CPC (source: EP KR US)
C10M 173/02 (2013.01 - KR); **C23C 22/48** (2013.01 - EP KR US); **C23C 22/50** (2013.01 - EP KR US); **C23C 22/53** (2013.01 - EP KR US); **C23C 22/56** (2013.01 - EP KR US)

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