

Title (en)

PROCESS FOR AFTER PASSIVATING PHOSPHATED METAL SURFACES USING TITANIUM AND/OR MANGANESE AND/OR COBALT AND/OR NICKEL AND/OR COPPER CATIONS CONTAINING SOLUTIONS

Publication

EP 0149720 B1 19881026 (DE)

Application

EP 84111060 A 19840917

Priority

DE 3400339 A 19840107

Abstract (en)

[origin: US4600447A] A composition for the after-passivation of phosphated metal surfaces and a method for its use, the composition containing at least one water soluble salt of tetravalent titanium or divalent manganese, cobalt, nickel or copper.

IPC 1-7

C23C 22/83

IPC 8 full level

C23C 22/82 (2006.01); **C23C 22/83** (2006.01)

CPC (source: EP US)

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Citation (examination)

JP S58130282 A 19830803 - NIPPON STEEL CORP

Cited by

MD3008G2; EP0757726A4; US5773090A; US5391240A; US6090224A; CN1079845C; EP0245597A1; US6645316B1; WO0073536A1; WO9218661A1; WO9533083A1; WO9630559A1; WO9730189A1

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EP 84111060 A 19840917; DE 3400339 A 19840107; DE 3474839 T 19840917; ES 539387 A 19850107; JP 137885 A 19850107; US 68176984 A 19841214; ZA 85105 A 19850104