

Title (en)

COMPOSITION AND PROCESS FOR TREATING THE SURFACE OF ALUMINIFEROUS METALS

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUM BEHANDELN VON ALUMINIUMHALTIGEN METALLEN

Title (fr)

COMPOSITIONS ET PROCEDE POUR TRAITER LA SURFACE DE METAUX ALUMINEUX

Publication

EP 0837954 A1 19980429 (EN)

Application

EP 96924286 A 19960625

Priority

- JP 16624395 A 19950630
- US 9610683 W 19960625

Abstract (en)

[origin: WO9702369A1] A highly corrosion resistant and paint adherent surface coating on aluminiferous metals can be provided very rapidly, if desired in less than one second, by contacting the surface with an aqueous acid liquid treating composition containing as solutes specified proportions of phosphate ions, titanium containing materials, fluoride, and an accelerator; the accelerator is preferably at least one of nitrous acid, nitric acid, tungstic acid, molybdic acid, permanganic acid, water soluble salts of all of these acids, and water-soluble organoperoxides.

IPC 1-7

C23C 22/38; **C23C 22/40**

IPC 8 full level

C23C 22/36 (2006.01); **C23C 22/44** (2006.01)

CPC (source: EP)

C23C 22/361 (2013.01); **C23C 22/44** (2013.01)

Designated contracting state (EPC)

AT DE ES FR GB IT NL AT DE ES FR GB IT NL

DOCDB simple family (publication)

WO 9702369 A1 19970123; AU 6478196 A 19970205; AU 708280 B2 19990729; BR 9609331 A 19990525; CA 2225757 A1 19970123; EP 0837954 A1 19980429; EP 0837954 A4 19981028; JP 3623015 B2 20050223; JP H0920984 A 19970121; MX 9710210 A 19980329; NZ 312858 A 19991129

DOCDB simple family (application)

US 9610683 W 19960625; AU 6478196 A 19960625; BR 9609331 A 19960625; CA 2225757 A 19960625; EP 96924286 A 19960625; JP 16624395 A 19950630; MX 9710210 A 19960625; NZ 31285896 A 19960625