

Title (en)
METHOD FOR THE TREATMENT OF METAL SURFACES

Publication
EP 0055881 B1 19850424 (DE)

Application
EP 81201403 A 19811229

Priority
US 22221881 A 19810102

Abstract (en)
[origin: US4385096A] Described is an aqueous base coat composition utilizing magnesium ion preferably in conjunction with at least some compounds from the group hydrofluoric acid, phosphoric acid, tannic acid, and nitric acid and exhibiting a pH of less than 7. The anti-corrosion and adhesive properties of this base coating composition allow it to be further coated with organic film formers, varnishes, lacquers, inks, etc. to form a finished product which is resistant to corrosives, humidity, impact problems, and chipping.

IPC 1-7
C23C 22/17

IPC 8 full level
C23C 22/48 (2006.01); **C23C 22/08** (2006.01); **C23C 22/22** (2006.01); **C23C 22/36** (2006.01)

CPC (source: EP US)
C23C 22/22 (2013.01 - EP US); **C23C 22/368** (2013.01 - EP US); **Y10T 428/31678** (2015.04 - EP US); **Y10T 428/31971** (2015.04 - EP US)

Cited by
KR100901275B1; US6459848B1

Designated contracting state (EPC)
BE DE FR IT SE

DOCDB simple family (publication)
EP 0055881 A1 19820714; **EP 0055881 B1 19850424**; AU 535455 B2 19840322; AU 7922482 A 19820708; DE 3170216 D1 19850530; GB 2093074 A 19820825; GB 2093074 B 19850306; JP S57134569 A 19820819; JP S5934234 B2 19840821; US 4385096 A 19830524

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EP 81201403 A 19811229; AU 7922482 A 19820106; DE 3170216 T 19811229; GB 8139145 A 19811231; JP 21593581 A 19811229; US 22221881 A 19810102