

Title (en)
PROCESS FOR FORMING CONVERSION LAYERS ON ZINC AND/OR ZINC/ALUMINIUM ALLOYS

Publication
EP 0213590 B1 19910717 (DE)

Application
EP 86111789 A 19860826

Priority
US 77340585 A 19850906

Abstract (en)
[origin: EP0213590A1] An aqueous acidic treating solution for forming a chromium-containing passivate coating on the surface of zinc or zinc-aluminium alloys contains chromium ions of which the predominant proportion are in the hexavalent state, preferably in an amount 2-20 g/l., nitrate ions, preferably in an amount 0.5-6 g/l., and phosphate ions, preferably in an amount 1-15 g/l. The solution may also contain fluoride ions, molybdate ions and tungstate ions. The phosphide may be an alkali metal or ammonium phosphate, a polyphosphate or phosphoric acid.

IPC 1-7
C23C 22/37; C23C 22/38; C23C 22/40

IPC 8 full level
C23C 22/24 (2006.01); **C23C 22/33** (2006.01); **C23C 22/37** (2006.01); **C23C 22/38** (2006.01); **C23C 22/40** (2006.01); **C23C 22/44** (2006.01)

CPC (source: EP KR)
C23C 22/06 (2013.01 - KR); **C23C 22/33** (2013.01 - EP); **C23C 22/38** (2013.01 - EP); **C23C 22/44** (2013.01 - EP)

Cited by
EP1086261A4; US5498759A; EP0372915A1; CN107513703A; WO9300457A1

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AT BE DE FR IT SE

DOCDB simple family (publication)
EP 0213590 A1 19870311; EP 0213590 B1 19910717; AT E65266 T1 19910815; AU 5875286 A 19870312; AU 590885 B2 19891123; CA 1274754 A 19901002; DE 3628660 A1 19870319; DE 3680263 D1 19910822; ES 2001659 A6 19880601; GB 2179960 A 19870318; GB 2179960 B 19900124; GB 8621560 D0 19861015; JP S6256579 A 19870312; KR 870003229 A 19870416; NZ 216539 A 19890224

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