

Title (en)

AQUEOUS SURFACE CONDITIONER AND SURFACE CONDITIONING METHOD FOR PHOSPHATING TREATMENT

Title (de)

WÄSSRIGES OBERFLÄCHENKONDITIONIERUNGSMITTEL UND OBERFLÄCHENKONDITIONIERUNGSVERFAHREN FÜR DIE PHOSPHATIERUNGSBEHANDLUNG

Title (fr)

AGENT AQUEUX DE PREPARATION DE SURFACE ET PROCEDE DE PREPARATION DE SURFACE POUR PHOSPHATATION

Publication

EP 1368508 A1 20031210 (EN)

Application

EP 02714695 A 20020108

Priority

- JP 2001001885 A 20010109
- US 0200273 W 20020108

Abstract (en)

[origin: WO02061176A1] An aqueous surface conditioner for use in a phosphating treatment is provided which contains crystals having an average diameter of 5 μ m or less in an amount of at least 0.1 g/L. The crystals are selected to have a two-dimensional epitaxy that matches within 3 % of misfit with the crystal lattice of one phosphate coating selected from among (1) hopeite /Zn₃(PO₄)₂·4H₂O and/or phosphophyllite (Zn₂Fe(PO₄)₂·4H₂O), (2) scholzite (CaZn₂(PO₄)₂·2H₂O) and (3) hureaulite (Mn₅(PO₄)₂[PO₃(OH)]₂·4H₂O).

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C23C 22/78

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CPC (source: EP KR)

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