

Title (en)

WATER-BASED LIQUID TREATMENT FOR ALUMINUM AND ITS ALLOYS

Title (de)

AUF WASSER BASIERENDE FLÜSSIGKEITSBEHANDLUNG FÜR ALUMINIUM UND DESSEN LEGIERUNGEN

Title (fr)

TRAITEMENT LIQUIDE A BASE AQUEUSE POUR L'ALUMINIUM ET SES ALLIAGES

Publication

**EP 1017505 A1 20000712 (EN)**

Application

**EP 98923440 A 19980521**

Priority

- JP 13185997 A 19970522
- US 9809902 W 19980521

Abstract (en)

[origin: WO9852699A1] A chromium-free water-based surface treatment liquid which contains from 0.01 to 50 g/l of a total of dissolved manganic acid, permanganic acid, and salt(s) thereof and from 0.01 to 20 g/l of a total of dissolved titanium compounds and has a pH of from 1.0 to 6.0 reacts rapidly with aluminum and aluminum alloy surfaces to deposit thereon a protective coating that does not contain hexavalent chromium and has excellent corrosion resistance and paint film holding properties.

IPC 1-7

**B05D 1/18**; C04B 9/02; C23C 22/48

IPC 8 full level

**C23C 22/34** (2006.01); **C23C 22/56** (2006.01)

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