

Title (en)
ALUMINUM TREATMENT COMPOSITION

Title (de)
ALUMINIUMBEHANDLUNGSZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE TRAITEMENT D'ALUMINIUM

Publication
EP 2265740 A1 20101229 (EN)

Application
EP 09725820 A 20090219

Priority
• US 2009034457 W 20090219
• US 5553908 A 20080326

Abstract (en)
[origin: WO2009120431A1] An aqueous conversion coating composition for treating metal substrates such as aluminum, aluminum alloys, zinc, zinc alloys, magnesium, magnesium alloys and steel to provide a conversion coating thereon. The conversion coating composition comprises a) a source of aluminum ions; b) a fluoro compound; c) at least one pH adjuster; d) a source of Group VIB metal ions selected from the group consisting of tungstate ions and trivalent chromium ions; and e) optionally, a preservative. The conversion coating composition provides a corrosion resistant coating on the metal surface and improves the adhesion of subsequently applied layers.

IPC 8 full level
C23C 8/00 (2006.01); **C09D 1/00** (2006.01)

CPC (source: EP US)
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