

Title (en)

CHROMATE TREATMENT BATH COMPOSITION AND PROCESS FOR APPLICATION TO METALS

Title (de)

BADZUSAMMENSETZUNG FÜR CHROMATBEHANDLUNG UND VERFAHREN ZUR ANWENDUNG BEI METALLEN

Title (fr)

COMPOSITION D'UN BAIN DE TRAITEMENT AU CHROMATE ET PROCEDE D'APPLICATION A DES METAUX

Publication

EP 0877832 A2 19981118 (EN)

Application

EP 96942777 A 19961127

Priority

- JP 31295195 A 19951130
- US 9618555 W 19961127

Abstract (en)

[origin: WO9721845A2] A chromate treatment bath composition, afforded by the introduction, into an aqueous solution containing hexavalent Cr ions and trivalent Cr ions, of a nonionic-anionic composite surfactant that has an anionic moiety and a nonionic moiety composed of a polyethylene glycol group or a group consisting of an ethylene oxide addition polymer, provides metal surfaces onto which a layer of the composition containing 5 to 150 mg/m² of total chromium is dried with a chromate film that has an excellent alkali resistance and water resistance, a high chromium fixing ratio, an excellent corrosion resistance, and an excellent paint film adherence.

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IPC 8 full level

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