Title (en)

METHOD OF PRODUCING AN ELECTROLYTE FOR ELECTRODEPOSITION OF A CHROMIUM-CHROMIUM OXIDE LAYER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ELEKTROLYTS ZUR ELEKTROPOSITIONIERUNG EINER CHROM-CHROMOXIDSCHICHT

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLECTROLYTE POUR L'ÉLECTRODEPOSITION D'UNE COUCHE DE CHROME ET D'OXYDE DE CHROME

Publication

EP 3428321 A1 20190116 (EN)

Application

EP 18182791 A 20180710

Priority

EP 17180597 A 20170710

Abstract (en)

Method of producing a plating electrolyte free of sulphite for electrodepositing a chromium metal - chromium oxide coating layer on a steel substrate in a continuous high speed plating line operating at a line speed of at least 60 m/min, wherein the plating electrolyte comprises a trivalent chromium compound and wherein the plating electrolyte is free of chloride ions, free of Cr 6+ -ions, free of boric acid.

IPC 8 full level

C25D 3/06 (2006.01); **C25D 9/10** (2006.01)

CPC (source: EP)

C25D 3/06 (2013.01); **C25D 9/10** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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