

Title (en)

PROCESS FOR ELECTROPLATING HARD CHROMIUM FROM A CR(VI) FREE ELECTROLYTE

Title (de)

VERFAHREN ZUR ABSCHIEDUNG VON HARTCHROM AUS CR(VI)-FREIEN ELEKTROLYTEN

Title (fr)

PROCÉDÉ DE PLACAGE DE CHROME DUR À PARTIR D'UN ÉLECTROLYTE SANS CR(VI)

Publication

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Application

**EP 11779627 A 20111031**

Priority

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- EP 2011069144 W 20111031

Abstract (en)

[origin: WO2012059473A1] The invention relates to a method for the electrodeposition of hard chromium on a substrate from an electrolyte solution containing Cr(II), Cr(III), or mixtures thereof, and halides, wherein the formation of elemental halogen is prevented by the use of a soluble anode or elemental halogen that develops during the deposition is complexed.

IPC 8 full level

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CPC (source: EP)

**C25D 3/06** (2013.01); **C25D 3/10** (2013.01); **C25D 17/10** (2013.01)

Citation (search report)

See references of WO 2012059473A1

Cited by

CN109056005A; EP4239108A1

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DOCDB simple family (publication)

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