

Title (en)

Zinc-nickel electrolyte free of boric acid

Title (de)

Borsäurefreier Zink-Nickel-Elektrolyt

Title (fr)

Electrolyte zinc-nickel sans acide borique

Publication

EP 2706132 A1 20140312 (DE)

Application

EP 13182668 A 20130902

Priority

DE 102012216011 A 20120910

Abstract (en)

Method for acidic and boronic acid-free galvanic deposition of zinc-nickel at a pH of 4.5-6.5 using an electrolyte comprising a wetting agent, basic brightener, brightener, complexing agent, buffer, preferably an organic acid which comprises adipic acid, succinic acid, glutaric acid, sulfosuccinic acid, propionic acid and/or their alkali metal salts, and an auxiliary substance, is claimed.

Abstract (de)

Gegenstand der Erfindung ist ein Verfahren zur sauren borsäurefreien galvanischen Zink-Nickel-Abscheidung unter Einsatz eines Elektrolyten enthaltend, Netzmittel, Grundglänzer, Glanzbildner, Komplexbildner und Puffer, insbesondere organische Säuren.

IPC 8 full level

C25D 3/56 (2006.01)

CPC (source: EP)

C25D 3/562 (2013.01); **C25D 3/565** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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