

Title (en)

Electrolyte composition und process for the deposition of a zinc-nickel alloy layer on a cast iron or steel substrate

Title (de)

Elektrolytzusammensetzung und Verfahren zur Abscheidung einer Zink-Nickel-Legierungsschicht auf einem Gusseisen- oder Stahlsubstrat

Title (fr)

Composition électrolytique et procédé pour la déposition d'une couche d'alliage zinc-nickel sur un substrat en fonte ou en acier

Publication

EP 1881090 B1 20150916 (DE)

Application

EP 06014519 A 20060713

Priority

EP 06014519 A 20060713

Abstract (en)

[origin: EP1881090A1] Electrolyte composition (I), for the separation of a zinc-nickel-alloy layer containing 10-18 wt.% of nickel on a substrate, comprises zinc ions, nickel ions, amino acetic acid and an acetate of sodium, potassium and/or ammonium, where the molar ratio of acetate to amino acetic acid is 0.35:0.91. An independent claim is included for separating the zinc-nickel-alloy layer on a substrate, preferably cast iron- or a steel substrate comprising contacting the substrate with a stream of (I).

IPC 8 full level

C25D 3/56 (2006.01); **C23C 18/50** (2006.01)

CPC (source: EP US)

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