

Title (en)
NON-GALVANICALLY APPLIED NICKEL ALLOY

Title (de)
AUSSENSTROMLOS AUFGEBRACHTE NICKELLEGIERUNG

Title (fr)
ALLIAGE DE NICKEL DEPOSE PAR VOIE AUTOCATALYTIQUE

Publication
EP 1799881 A2 20070627 (DE)

Application
EP 05784829 A 20050926

Priority
• IB 2005053173 W 20050926
• DE 102004047423 A 20040928

Abstract (en)
[origin: WO2006035397A2] The invention relates to a lead-free nickel phosphorous dispersion alloy on a metallic substrate surface, which may be obtained by non-galvanic deposition in an electrolyte, comprising 4 to 7 g/l nickel ions, 15 to 40 g/l hypophospite, at least one stabiliser, 5 to 400 mg/l of an alkylaryloxydialkylbenzylammonium chloride or a partially-fluorinated betain, 50 to 60 g/l of a complexing agent A, containing a carboxylic acid, 5 to 40 g/l of a complexing agent B containing a carboxylic acid different from A, 4 to 10 g/l dispersed particles, different from the nickel/phosphorus alloy composition and no boric acid or borates and objects coated therewith.

IPC 8 full level
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CPC (source: EP US)
C23C 18/1662 (2013.01 - EP US); **C23C 18/36** (2013.01 - EP US); **C23C 18/50** (2013.01 - EP US)

Citation (search report)
See references of WO 2006035397A2

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