

Title (en)

Coinage material and process for production thereof

Title (de)

Münze und Verfahren zur Herstellung

Title (fr)

Matériau pour pièce de monnaie et procédé de sa fabrication

Publication

EP 0828011 A1 19980311 (EN)

Application

EP 97306863 A 19970904

Priority

GB 9618460 A 19960904

Abstract (en)

A coinage material comprises a ferritic blank, for example of mild steel, which has been surface-treated with an austenite-forming element such as nickel or manganese, and which has chromium diffused into the surface, such that a specific, marked difference, for example in electrical conductivity and/or magnetic permeability, which is electronically detectable exists between the surface and the interior. The coinage material may therefore be validated electronically using suitable detection means.

IPC 1-7

C23C 10/02; G07F 3/02; G07D 5/08

IPC 8 full level

C23C 10/02 (2006.01); **G07D 5/08** (2006.01)

CPC (source: EP)

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Citation (search report)

- [Y] US 4973524 A 19901127 - HUEBNER ULRICH [DE], et al
- [YD] GB 862282 A 19610308 - CHROME ALLOYING COMPANY LTD
- [A] US 2819208 A 19580107 - PHILIPPE GALMICHE
- [A] DE 1774498 B1 19711223 - VER DEUTSCHE METALLWERKE AG

Cited by

EP0962544A1; WO2006024877A1

Designated contracting state (EPC)

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EP 0828011 A1 19980311; CA 2214613 A1 19980304; GB 9618460 D0 19961016; KR 19980024324 A 19980706; ZA 977879 B 19980302

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