

Title (en)

Device for authenticating coins, tokens or other flat metal objects

Title (de)

Einrichtung zur Prüfung der Echtheit von Münzen, Jetons oder anderen flachen metallischen Gegenständen

Title (fr)

Dispositif pour déterminer l'authenticité de pièces de monnaie, de jetons ou d'autres objets métalliques plats

Publication

EP 0704825 B1 19971126 (DE)

Application

EP 95810150 A 19950308

Priority

- EP 95810150 A 19950308
- CH 35095 A 19950208
- EP 94810544 A 19940921

Abstract (en)

[origin: EP0704825A1] The coin testing system has the coins (M) introduced into a channel section that is inclined such that the coins roll past a pair of inductive sensors. The channel is of a rectangular cross section and is tilted such that the coins move against one side wall that is ridged to facilitate motion. The inductive sensors have coils (9, 10) set into one side wall and metallic discs (11, 12) set in the other wall such that the coins pass in between. The sensors provide inputs to an electronic circuit (14) that measures the time response of the resistance of each one and determine maximum values. The circuit uses the values to determine the coin thickness.

IPC 1-7

G07F 3/02; **G07D 5/02**; **G07D 5/08**

IPC 8 full level

G07D 5/00 (2006.01); **G07D 5/02** (2006.01); **G07D 5/08** (2006.01); **G07F 1/04** (2006.01)

CPC (source: EP)

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Cited by

WO0026859A1; EP1041519A1; ES2153770A1; EP0805423A3; US6145646A; US7617922B2; WO2004088597A1; WO9738400A1; US6536578B1

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EP 0704825 A1 19960403; **EP 0704825 B1 19971126**; AT E160639 T1 19971215; CN 1134000 A 19961023; CZ 243795 A3 19960417; DE 59501034 D1 19980108; DK 0704825 T3 19980810; EE 03103 B1 19980615; ES 2109795 T3 19980116; FI 954442 A0 19950920; FI 954442 A 19960322; GR 3025581 T3 19980331; LV 11505 A 19960820; LV 11505 B 19961220; NO 308719 B1 20001016; NO 953707 D0 19950920; NO 953707 L 19960322; PL 177877 B1 20000131; PL 310542 A1 19960401; RO 115994 B1 20000830; RU 2155381 C2 20000827; TR 199501151 A2 19960621

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