

Title (en)
Coin apparatus

Title (de)
Münzgerät

Title (fr)
Appareil pour pièces de monnaie

Publication
EP 0980050 B1 20030702 (DE)

Application
EP 99114606 A 19990726

Priority
DE 19836468 A 19980812

Abstract (en)
[origin: EP0980050A1] The analysis device that controls opening of the coin route flaps generates a pre-magnetization signal for an electromagnet (20) prior to generation of the control signal for the flap (18) which is produced dependent on the presence or absence of a coin detected by a sensor (CP2). The pre-magnetization is broken off if a control signal for the electromagnet is not generated. Coin device has one or more coin routes with associated sensors and an analysis device for comparison of the signals from the test devices with reference values. On comparison of the signals a control signal is generated to open up a flap, using an electromagnet, to allow coins to pass on the appropriate route. A sensor for detecting the presence of coins is then used to return the flap.

IPC 1-7
G07D 5/02

IPC 8 full level
G07D 5/00 (2006.01); **G07D 5/02** (2006.01); **G07F 1/04** (2006.01)

CPC (source: EP)
G07D 5/02 (2013.01)

Citation (examination)
Prior sales of VN4000 Coin Changer by Mars Electronics International Inc. (MEI), Brandywine Industrial Park, 1301 Wilson Drive, West Chester, Pennsylvania 19380, USA.

Cited by
CN103839320A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0980050 A1 20000216; EP 0980050 B1 20030702; EP 0980050 B2 20071024; AT E244429 T1 20030715; DE 19836468 A1 20000217; DE 19836468 C2 20000817; DE 59906165 D1 20030807; ES 2198822 T3 20040201; ES 2198822 T5 20080401

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