

Title (en)

Method for recognizing objects such as coins

Title (de)

Verfahren zur Erkennung von Objekten, wie zum Beispiel Münzen

Title (fr)

Procédé de reconnaissance d'objets du type pièces de monnaie

Publication

EP 0731427 A3 19980930 (FR)

Application

EP 96107718 A 19930310

Priority

- EP 93918738 A 19930310
- US 84956492 A 19920311

Abstract (en)

[origin: US5232399A] Coins corresponding to a payment, thrown into a hopper, fall on a recessed disk and each lodge in one of the recesses. If two coins are superposed in one recess, the upper coin is deflected outwardly by a slot and then raised by the inclined bottom of this slot to finally be ejected from the recess. The coins are then, as a function of the result of a detection, oriented toward one or the other of two compartments of an annular display which surrounds the separation disk. At the end of each payment, the annular display turns a fraction of a turn to bring the two compartments into a presentation position, while two empty compartments are presented to receive the following payment, and the coins corresponding to the preceding payment arrive at a transmission position for example toward collection boxes. The drive of the movable portion of the display is effected by its radially outer edge. The central portion comprising the separator disk and its drive motor can swing downwardly to eject foreign bodies. In case of a questioned coin, or if the movable portion of the display is in the course of rotation, the coin is returned to the detector instead of proceeding to the display.

IPC 1-7

G07D 3/06

IPC 8 full level

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CPC (source: EP US)

G07B 15/066 (2013.01 - EP US); **G07D 3/06** (2013.01 - EP US); **G07D 3/128** (2013.01 - EP US); **G07D 3/14** (2013.01 - EP US); **G07D 9/008** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT DE ES FR GB

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DOCDB simple family (application)

US 84956492 A 19920311; AT 93918738 T 19930310; DE 69313389 T 19930310; EP 93918738 A 19930310; EP 96107718 A 19930310; EP 96107719 A 19930310; EP 96107720 A 19930310; FR 9300235 W 19930310; US 699393 A 19930121; US 699493 A 19930121