

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 A2 19960911 (FR)**

Application

**EP 96107718 A 19930310**

Priority

- EP 93918738 A 19930310
- US 84956492 A 19920311

Abstract (en)

In the device coins corresponding to a payment, thrown into a hopper, fall on a recessed disc 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 of the other of two compartments of an annular display which surrounds the separation disc. 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 towards collection boxes. The drive of the movable portion of the display is effected by its radially outer edge. The central portion comprising the separator disc 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.

Abstract (fr)

L'invention concerne un procédé de reconnaissance d'objets du type pièces de monnaie, dans lequel on fait passer les objets un à un dans le champ d'action d'un détecteur (31) appartenant à un dispositif de reconnaissance (1), et en fonction de la réponse du détecteur au passage de chaque objet, on dirige sélectivement l'objet vers au moins une sortie (43, 44) du dispositif de reconnaissance (1) et respectivement on renvoie l'objet dans le champ d'action du détecteur (31). <IMAGE>

IPC 1-7

**G07D 3/06**

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Cited by

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**US 5232399 A 19930803**; AT E157473 T1 19970915; DE 69313389 D1 19971002; EP 0587883 A1 19940323; EP 0587883 B1 19970827; EP 0731427 A2 19960911; EP 0731427 A3 19980930; EP 0731428 A2 19960911; EP 0731428 A3 19980930; EP 0736848 A2 19961009; EP 0736848 A3 19981223; US 5238446 A 19930824; US 5285883 A 19940215; WO 9318487 A2 19930916; WO 9318487 A3 19940217

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