

Title (en)
DEVICE FOR COUNTING AND SORTING COINS IN A COIN COLLECTOR

Publication
EP 0189429 B1 19880928 (DE)

Application
EP 85902464 A 19850517

Priority
DE 3419589 A 19840522

Abstract (en)
[origin: WO8505478A1] A device for counting and sorting coins in a coin collector having a guiding path (8) tangentially connected to a horizontal coin disk (3) must allow foreign coins (11') to come out through an outlet opening (16). To this effect, behind a coin recognition device (14) and directly before the outlet (16) there is movably arranged a deviation element (18) for the coins (11') that have been recognized by the recognition device (14) as being false coins or foreign coins and of which the front edge (35) is spaced apart by at least the width of the guiding stick from the guiding edge (9), the deviation element (18) being controllable by the recognition device (14). The deviation element (18) brought in active position in the displacement path of the coins (11, 11') spaces the coins away from the guiding edge (9) by at least a gap equal to or larger than the width of the guiding stick (17). Thereby, the foreign coins (11') to be taken out may come out through the outlet opening (16). In order to improve its recognition capacity, the coin recognition device (14) is additionally provided with a light guide line stick (31) for the recognition of the diameter, inductive heads (32, 33) for the recognition of the alloy of the coins (11, 11'), respectively for determining the thickness of the coins (11, 11'). Furthermore, other structural elements are provided for the recognition of the string of coins and for the structure of their surfaces.

IPC 1-7
G07D 3/00; **G07D 5/00**

IPC 8 full level
G07D 3/00 (2006.01); **G07D 3/16** (2006.01); **G07D 5/00** (2006.01)

IPC 8 main group level
G07D (2006.01)

CPC (source: EP US)
G07D 3/00 (2013.01 - EP US); **G07D 5/00** (2013.01 - EP US)

Cited by
DE10310895A1; EP1103929A2

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WO 8505478 A1 19851205; AT E37621 T1 19881015; AU 4403385 A 19851213; AU 572759 B2 19880512; DE 3419589 C1 19860102; DE 3518268 C1 19861009; DE 3565329 D1 19881103; DK 163150 B 19920127; DK 163150 C 19920622; DK 606785 A 19851230; DK 606785 D0 19851230; EP 0189429 A1 19860806; EP 0189429 B1 19880928; FI 83821 B 19910515; FI 83821 C 19910826; FI 860163 A0 19860114; FI 860163 A 19860114; NO 165005 B 19900827; NO 165005 C 19901205; NO 860206 L 19860121; US 4681204 A 19870721

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