

Title (en)
COIN-SORTING APPARATUS

Publication
EP 0209675 B1 19901024 (DE)

Application
EP 86107116 A 19860526

Priority
CH 264185 A 19850621

Abstract (en)
[origin: EP0209675A1] 1. Coin sorting machine, with a receiving container (10) serving for the insertion of the coins (18) to be sorted, a separating device (14, 16) for separating the coins (18), a conveyor device (26) for guiding the separated coins (18) onwards along a movement path (20) downstream of the separating device (14, 16), along which movement path a number of sorting stations (34 to 34') without their own identification function are arranged one behind the other for the sorting of coins of different values, one sorting station being provided for each coin value, of which stations each one has an actuable deflection member (48, 48') for deflecting the coins (18) from their movement path (20) and a collecting container (36, 36') for the deflected coins (18), and a single identification device (32) arranged before the first sorting station (34) for identifying the coins (18) to be sorted and for distinguishing the latter from coins (18) to be rejected, which identification device (32) generates characteristic identification signals for the individual coins (18), as a result of which identification signals, in each case at the time when a coin (18) to be sorted arrives at the appropriate sorting station (34 to 34'), the deflection element (48 to 48') allocated to this sorting station (34 to 34') is actuatable, characterized in that the identification device (32) is connected to the individual sorting stations (34 to 34') via delay elements which can be affected as a function of the conveyor movement of the conveyor device (26) and via which delay elements the allocated identification signals can be supplied to the sorting stations (34 to 34') in synchrony with the progressive movement of the coins (18).

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G07D 3/14

IPC 8 full level
G07D 3/14 (2006.01)

CPC (source: EP)
G07D 3/14 (2013.01)

Citation (examination)
EP 0200873 A1 19861112 - STOCKLI RUDOLF

Cited by
EP1657685A1; DE102011001873A1; DE4123549C3; DE102012100309A1; US7255639B2; DE102011001870A1; AU660251B1; US5551542A; FR2650417A1; EP0731427A3; IT201900015446A1; DE3809030A1; EP3686851A1; CN111489484A; WO9411847A1; US8998686B2; US9384615B2; WO9318487A3; WO2012136756A1; TWI724595B; EP3686851B1

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