

Title (en)

Coin sorting device

Title (de)

Münzsortiervorrichtung

Title (fr)

Machine trieuse de pièces de monnaie

Publication

EP 1343122 A3 20031126 (EN)

Application

EP 03002814 A 20030207

Priority

IT TV20020013 A 20020208

Abstract (en)

[origin: EP1343122A2] Device to separate coins (14), for example the eight euro coins, tokens or other disk-shaped elements and having different diameters, comprising a fixed structure (11) provided with a hopper (15) to introduce the coins (14) to be separated, and collecting tubes (18) able to collect the coins (14) separated according to their individual diameter. A guide track (30) is arranged inclined with respect to a horizontal plane and a guide wall (31) is arranged inclined backwards with respect to the vertical plane in order to guide in their descent the coins (14) to be separated. Wedge-shaped elements (16) and diversion elements (32) are associated with the guide wall (31) and the track (30) in order to selectively divert and discharge the coins (14) into the collecting tubes (18) below. <IMAGE>Device to separate coins (14), for example the eight euro coins, tokens or other disk-shaped elements and having different diameters, comprising a fixed structure (11) provided with a hopper (15) to introduce the coins (14) to be separated, and collecting tubes (18) able to collect the coins (14) separated according to their individual diameter. A guide track (30) is arranged inclined with respect to a horizontal plane and a guide wall (31) is arranged inclined backwards with respect to the vertical plane in order to guide in their descent the coins (14) to be separated. Wedge-shaped elements (16) and diversion elements (32) are associated with the guide wall (31) and the track (30) in order to selectively divert and discharge the coins (14) into the collecting tubes (18) below. <IMAGE>

IPC 1-7

G07D 3/12; **G07D 1/08**

IPC 8 full level

G07D 3/12 (2006.01); **G07D 3/16** (2006.01)

CPC (source: EP)

G07D 3/123 (2013.01); **G07D 3/16** (2013.01)

Citation (search report)

- [XA] GB 1565119 A 19800416 - ZSCHAECK H K
- [X] DE 430251 C 19260618 - ANDERS WERNER SVENSON
- [A] AU 594571 B2 19900308 - AUTOMATIC CURRENCY EQUIP

Cited by

CN107146319A; CN108230532A; CN114937326A; CN106251463A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1343122 A2 20030910; **EP 1343122 A3 20031126**; IT TV20020013 A1 20030808

DOCDB simple family (application)

EP 03002814 A 20030207; IT TV20020013 A 20020208