

Title (en)
Coin checker

Title (de)
Münzprüfer

Title (fr)
Contrôleur de pièces métalliques, notamment de pièces de monnaie

Publication
EP 0678835 B1 20001025 (FR)

Application
EP 95400901 A 19950421

Priority
FR 9404893 A 19940422

Abstract (en)
[origin: EP0678835A1] The coin evaluation mechanism has two motorised concentric discs (3,4) which turn in a plane inclined w.r.t. the horizontal. These include an internal separation disc (3) on which the coins are thrown in bulk and which is fitted with radial teeth (7) for coin separation and an external recognition disc (4), fitted with slots (8) on its periphery, situated in the extension of the teeth of the internal disc, so as to receive the separated coins. The coins are maintained against the slots by a sliding plate (13) situated under the external disc and by a circular border (12) surrounding the external disc. A semi-circular fixed bar (10), arranged at the separation level of the discs, retains the coins on the internal disc in its lower part. A recognition device has a certain number of detectors (16) arranged on the path of the slots of the external disc. <IMAGE>

IPC 1-7
G07D 9/00; **G07D 3/14**

IPC 8 full level
G07D 3/14 (2006.01); **G07D 9/00** (2006.01)

CPC (source: EP US)
G07D 3/14 (2013.01 - EP US); **G07D 9/008** (2013.01 - EP US)

Cited by
EP1956561A4; EP1956563A4; EP2242029A1; US8202144B2

Designated contracting state (EPC)
AT BE CH DE DK ES GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0678835 A1 19951025; **EP 0678835 B1 20001025**; AT E197200 T1 20001115; DE 69519188 D1 20001130; ES 2153459 T3 20010301; FR 2719143 A1 19951027; FR 2719143 B1 19960614; GR 3035300 T3 20010430; PT 678835 E 20010430; US 5573100 A 19961112

DOCDB simple family (application)
EP 95400901 A 19950421; AT 95400901 T 19950421; DE 69519188 T 19950421; ES 95400901 T 19950421; FR 9404893 A 19940422; GR 20010400114 T 20010124; PT 95400901 T 19950421; US 42536695 A 19950420