

Title (en)  
COIN PROCESSING SYSTEM

Title (de)  
MÜNZVERARBEITUNGSSYSTEM

Title (fr)  
SYSTEME DE TRAITEMENT DE PIECES DE MONNAIE

Publication  
**EP 1483749 B1 20100728 (EN)**

Application  
**EP 03711423 A 20030305**

Priority  
• US 0306762 W 20030305  
• US 9516402 A 20020311  
• US 9525602 A 20020311

Abstract (en)  
[origin: WO03079300A1] A coin processing system (100) for processing a plurality of coins of mixed denominations comprises a rotatable disk (114) for imparting motion to the plurality of coins, a sensor (204) for differentiating between valid and invalid coins, a stationary sorting head (112), and a diverter (300). The stationary sorting head has a lower surface generally parallel to and spaced slightly away from the rotatable disk that forms a queuing channel (166) and exit channels (261-268) for sorting and discharging coins of particular denominations. The queuing channel has a first segment for receiving coins and a second segment for moving the coins past the sensor and is configured to move coins at a faster rate along the second segment for increasing the spacing between adjacent coins. The diverter is disposed along the second segment and is moveable for diverting a coin to a reject region when the sensor detects an invalid coin.

IPC 8 full level  
**G07D 3/12** (2006.01); **G07D 3/16** (2006.01); **G07D 5/00** (2006.01); **G07D 5/02** (2006.01); **G07D 5/08** (2006.01); **G07D 7/00** (2006.01)

CPC (source: EP)  
**G07D 3/121** (2013.01); **G07D 3/128** (2013.01); **G07D 3/16** (2013.01); **G07D 5/00** (2013.01); **G07D 5/02** (2013.01); **G07D 5/08** (2013.01)

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**WO 03079300 A1 20030925**; AU 2003213735 A1 20030929; DE 60333552 D1 20100909; EP 1483749 A1 20041208; EP 1483749 A4 20071114; EP 1483749 B1 20100728

DOCDB simple family (application)  
**US 0306762 W 20030305**; AU 2003213735 A 20030305; DE 60333552 T 20030305; EP 03711423 A 20030305