

Title (en)  
Coin processor.

Title (de)  
Münzverarbeitungsvorrichtung.

Title (fr)  
Dispositif pour le traitement de pièces de monnaie.

Publication  
**EP 0566154 A1 19931020 (EN)**

Application  
**EP 93106298 A 19930419**

Priority  
• JP 9812992 A 19920417  
• JP 21797392 A 19920817

Abstract (en)  
A coin processor in which part of a magnetic field generated by a first oscillation coil (10a-1) permeates through a coin passing along a coin passage (3) and then received by a second reception coil (10b-2), while other part of the magnetic field acts on the surface of the coin and then received by a first reception coil (10b-1) and, part of a magnetic field generated by a second oscillation coil (10a-2) permeates through the coin and then received by the first reception coil (10b-1), while other part of the magnetic field acts on the surface of the coin and then received by the second reception coil (10b-2). On the basis of an addition of outputs of the first and second reception coils, the coin passing along the coin passage (3) is discriminated. The coin processor comprises a coin discriminator/sorter section (100) for discriminating whether inserted coins are true or false and sorting the true coins in accordance with their coin types, a coin accumulator/dispenser section (200 integrally formed with the coin discriminator/sorter section (100) for accumulating the sorted coins and dispensing some of the accumulated coins for change, and a single controller (500) for controlling both of the sections (100) and (200). <IMAGE>

IPC 1-7  
**G07F 3/02**; **G07D 5/08**; **G07D 5/02**

IPC 8 full level  
**G07D 5/00** (2006.01); **G07D 5/02** (2006.01); **G07D 5/08** (2006.01); **G07D 13/00** (2006.01)

CPC (source: EP KR)  
**G07D 5/02** (2013.01 - EP); **G07D 5/08** (2013.01 - EP KR); **G07D 3/14** (2013.01 - KR)

Citation (search report)  
• [X] EP 0392110 A2 19901017 - NIPPON CONLUX CO LTD [JP]  
• [Y] US 4385684 A 19830531 - SUGIMOTO OSAMU [JP], et al  
• [A] GB 2066541 A 19810708 - NIPPON COINCO CO LTD  
• [A] EP 0202378 A2 19861126 - MATSUSHITA ELECTRIC IND CO LTD [JP]  
• [A] US 4124111 A 19781107 - HAYASHI YUKICHI  
• [A] US 4108296 A 19780822 - HAYASHI YUKICHI, et al

Cited by  
US6076651A; EP1104920A1; EP0755030A3; WO9729460A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0566154 A1 19931020**; AU 3702193 A 19931021; AU 659725 B2 19950525; CA 2094229 A1 19931018; KR 930022248 A 19931123; KR 970005400 B1 19970416

DOCDB simple family (application)  
**EP 93106298 A 19930419**; AU 3702193 A 19930419; CA 2094229 A 19930416; KR 930006275 A 19930415