

Title (en)
Coin dispenser

Title (de)
Münzausgabevorrichtung

Title (fr)
Distributeur de pièces

Publication
EP 2775460 A1 20140910 (EN)

Application
EP 14157059 A 20140227

Priority
JP 2013046534 A 20130308

Abstract (en)
An object of the present invention is to provide a coin dispenser capable of fixing a dispensing direction of coins even if the coins have different diameters. Coins are dropped into through holes and sorted one by one by forward rotation of a rotating disk and are guided by a circular coin guiding wall of a storage hole while being pushed by pushers on a lower surface. Then, each of the coins is pushed into the part between a fixed roller and an ejecting roller and is smoothly subjected to change of direction to the circumferential direction of the rotating disk by the turning pair of the fixed roller. Then, in a state in which the coin is sandwiched by a fixed guide and the ejecting roller disposed in the downstream of the fixed roller and is in a sliding pair with the fixed guide, the coin is ejected by the ejecting roller. Therefore, inertial force in the contact point direction of the coin is eliminated, and the ejecting direction of the coins is practically fixed.

IPC 8 full level
G07D 9/00 (2006.01)

CPC (source: EP)
G07D 9/008 (2013.01)

Citation (search report)
• [X] US 2005009464 A1 20050113 - NIREKI TAKAO [JP], et al
• [X] US 5924919 A 19990720 - HIRANO YASUO [JP]
• [X] US 7798304 B2 20100921 - TAKEUCHI TORU [JP]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)
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