

Title (en)

Coin dispenser

Title (de)

Münzausgabevorrichtung

Title (fr)

Distributeur de pièces

Publication

**EP 2775460 B1 20160420 (EN)**

Application

**EP 14157059 A 20140227**

Priority

JP 2013046534 A 20130308

Abstract (en)

[origin: EP2775460A1] 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)

Cited by

EP2759986B1

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

DOCDB simple family (publication)

**EP 2775460 A1 20140910; EP 2775460 B1 20160420**; CN 104036579 A 20140910; CN 104036579 B 20160504; JP 2014174720 A 20140922; JP 5945752 B2 20160705; TW 201443828 A 20141116; TW I509574 B 20151121

DOCDB simple family (application)

**EP 14157059 A 20140227**; CN 201410083766 A 20140307; JP 2013046534 A 20130308; TW 103107069 A 20140303