Title (en)
   COIN PAYOUT DEVICE

Title (de)
   MÜNZENAUSGABEVORRICHTUNG

Title (fr)
   DISPOSITIF DE PAIEMENT EN PIÈCES DE MONNAIE

Publication
   EP 2538391 A4 20131106 (EN)

Application
   EP 11744429 A 20110217

Priority
   • JP 2010035073 A 20100219
   • JP 2011000894 W 20110217

Abstract (en)
   [origin: EP2538391A1] A coin payout device is provided to prevent parts from being damaged when coin jams is resolved. A payout slide (7) that reciprocates by driving a drive motor M is provided below a coin tube (4). Coin receiving holes (7a) to (7e) are formed in the payout slide (7), one of which can receive only one coin dropping out of the coin tube (4). While the payout slide (7) reciprocates once, the coin received in one of the coin receiving hole (7a) to (7e), and the received coin is paid out. The average period of time for energizing the drive motor M, which is required to reciprocate the payout slide (7) once, is approximately 0.7 seconds. In an inventory operation, when an operator pushes a button, the drive motor M is energized for 0.4 seconds. Therefore, the amount of movement of the payout slide in the inventory operation is significantly smaller than the amount of movement in a normal payout operation.

IPC 8 full level
   G07D 1/00 (2006.01)

CPC (source: EP)
   G07D 1/00 (2013.01)

Citation (search report)
   • [XI] US 5679070 A 19971021 - ISHIDA TAKESHI [JP], et al
   • [A] EP 1164552 A2 20011219 - SANDEN CORP [JP]
   • [A] JP H08138111 A 19960531 - NIPPON CONLUX CO LTD
   • See references of WO 2011102138A1

Cited by
   NL2018089B1; AU2017385988B2; US11232667B2; WO2018124879A1

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 2538391 A1 20121226; **EP 2538391 A4 20131106**; CN 102792340 A 20121121; JP 2011170698 A 20110901; JP 5474603 B2 20140416; WO 2011102138 A1 20110825

DOCDB simple family (application)
   EP 11744429 A 20110217; CN 201180009668 A 20110217; JP 2010035073 A 20100219; JP 2011000894 W 20110217