

Title (en)

COIN PROCESSING DEVICE AND CORRESPONDING METHOD FOR CLASSIFYING COINS

Title (de)

MÜNZVERARBEITUNGSEINRICHTUNG UND ZUGEHÖRIGES VERFAHREN ZUM KLASSIFIZIEREN VON MÜNZEN

Title (fr)

DISPOSITIF DE TRAITEMENT DE PIÈCES DE MONNAIE ET PROCÉDÉ ASSOCIÉ DE CLASSIFICATION DE PIÈCES DE MONNAIE

Publication

EP 3084730 B1 20180725 (DE)

Application

EP 14823961 A 20141216

Priority

- DE 102013114569 A 20131219
- EP 2014078077 W 20141216

Abstract (en)

[origin: WO2015091561A1] The invention relates to a coin processing device (10) and a corresponding method for classifying coins using the coin processing device (10). For this purpose, the coin processing device (10) comprises at least one computerized controller (9), which has a storage unit (36), and at least one coin channel (34) for guiding a coin (35). The at least one coin channel (34) comprises at least one sensor (37) which is suitable for measuring a passage time of the coin (35) and is connected to the computerized controller (9). Furthermore, an accelerating device (43) for the coins (35) is provided, said accelerating device (43) likewise being connected to the computerized controller (9) and being designed to accelerate the coin (35) in a reproducible manner. A target speed value for a specified coin (35) is stored in the storage unit (36), said target speed value being comparable to an actual speed value of the coin. The actual speed value is calculated on the basis of the transport time detected by the sensor (37). A coin class of the coin (35) is then ascertained by the computerized controller (9) from the comparison of the target speed value and the actual speed value.

IPC 8 full level

G07D 5/02 (2006.01); **G07D 5/10** (2006.01); **G07D 7/121** (2016.01)

CPC (source: EP RU US)

G07D 5/02 (2013.01 - EP RU US); **G07D 7/121** (2013.01 - EP US); **G07D 5/10** (2013.01 - EP US)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015091561 A1 20150625; AU 2014368840 A1 20160630; AU 2014368840 B2 20190321; CA 2932503 A1 20150625; CA 2932503 C 20200204; CL 2016001554 A1 20161230; CN 105830127 A 20160803; CN 105830127 B 20190312; DE 102013114569 A1 20150625; EP 3084730 A1 20161026; EP 3084730 B1 20180725; ES 2689329 T3 20181113; JP 2016541071 A 20161228; JP 6445563 B2 20181226; MX 2016007889 A 20160913; MX 360933 B 20181121; RU 2016127216 A 20180124; RU 2671188 C1 20181029; SG 11201604499Q A 20160728; US 2016314636 A1 20161027; US 9691210 B2 20170627

DOCDB simple family (application)

EP 2014078077 W 20141216; AU 2014368840 A 20141216; CA 2932503 A 20141216; CL 2016001554 A 20160616; CN 201480069443 A 20141216; DE 102013114569 A 20131219; EP 14823961 A 20141216; ES 14823961 T 20141216; JP 2016540473 A 20141216; MX 2016007889 A 20141216; RU 2016127216 A 20141216; SG 11201604499Q A 20141216; US 201415103753 A 20141216