

Title (en)

Device for separating coins with a rotating carrier plate

Title (de)

Vorrichtung zum Vereinzeln von Münzen mit einer rotierenden Mitnehmerscheibe

Title (fr)

Dispositif d'isolation de pièces de monnaie avec un disque d'entraînement rotatif

Publication

EP 2720201 B1 20160302 (DE)

Application

EP 12188583 A 20121015

Priority

EP 12188583 A 20121015

Abstract (en)

[origin: EP2720201A1] The device (10) has a rotatable base disk (32) and a limiting element (34) that are provided for limiting an upwardly opened retaining area for retaining coins to be separated. An opening for passage of the coins and supplying the coins to an elastic conveyor element (14) is formed in the limiting element. The conveyor element supplies the coins to sorting ejection units (18, 30). A drive plate (36) is arranged on the disk, where the plate and the conveyor element act together in a transfer area (38) such that the coins conveyed by the plate are pushed and trapped under the conveyor element.

IPC 8 full level

G07D 3/06 (2006.01); **G07D 3/12** (2006.01); **G07D 3/16** (2006.01); **G07D 9/00** (2006.01)

CPC (source: EP US)

G07D 3/06 (2013.01 - EP US); **G07D 3/128** (2013.01 - EP US); **G07D 3/16** (2013.01 - EP US); **G07D 9/008** (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

DOCDB simple family (publication)

EP 2720201 A1 20140416; **EP 2720201 B1 20160302**; CN 105103201 A 20151125; CN 105103201 B 20180323; DK 2720201 T3 20160530; ES 2569863 T3 20160512; PL 2720201 T3 20161031; US 2015269803 A1 20150924; US 9613479 B2 20170404; WO 2014060172 A1 20140424

DOCDB simple family (application)

EP 12188583 A 20121015; CN 201380053745 A 20130918; DK 12188583 T 20121015; EP 2013069366 W 20130918; ES 12188583 T 20121015; PL 12188583 T 20121015; US 201314435465 A 20130918