

Title (en)

COIN HOPPER HAVING AN IMPROVED COIN PUSHING

Title (de)

MÜNZVEREINZELER MIT EINEM VERBESSERTEN SCHIEBEN DER MÜNZEN

Title (fr)

DISTRIBUTEUR AUTOMATIQUE DE MONNAIE PRÉSENTANT UNE MEILLEURE POUSSÉE DES PIÈCES

Publication

EP 3104344 A1 20161214 (EN)

Application

EP 15171365 A 20150610

Priority

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Abstract (en)

A coin hopper includes a hopper body including a housing having an accommodation chamber defined in a funnel-shaped coin box thereof and a coin outlet for guiding coins out of the accommodation chamber individually, a rotating wheel having multiple coin-pushing blades radially and equiangularly extended from a wheel base thereof and a coin-receiving space defined between each two adjacent coin-pushing blades, each coin-pushing blade having an abutment edge extending along one lateral side thereof for stopping one coin in one coin-receiving space and a pushing edge extending along an opposite lateral side thereof, a power drive adapted for rotating the rotating wheel to let coins be ruffled by the coin-pushing blades and forced into the coin-receiving spaces and then guided by the arc-shaped abutment edges to move out of each coin-receiving space upwardly toward the coin outlet one after another, and a coin-dispensing mechanism including a spring-loaded lever for pushing coins out of the coin outlet individually.

IPC 8 full level

G07D 9/00 (2006.01)

CPC (source: EP)

G07D 9/008 (2013.01)

Citation (search report)

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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

Designated extension state (EPC)

BA ME

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