

Title (en)

APPARATUS AND METHOD FOR SORTING COINS OUT OF A MIXED BULK OF METALS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUSSORTIERUNG VON MÜNZEN AUS EINER METALLSCHÜTTUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR EXTRAIRE DES PIÈCES DE MONNAIE D'UNE CHARGE DE MÉTAUX EN VRAC

Publication

EP 2771867 A1 20140903 (DE)

Application

EP 11784443 A 20111024

Priority

EP 2011068527 W 20111024

Abstract (en)

[origin: WO2013060349A1] The invention relates to a sorting apparatus (1) for sorting coins (36) out of a mixed bulk of metals, in particular out of a mixed bulk of non-ferrous metals and/or a mixed bulk of heavy metals, having means for conveying and/or guiding the mixed bulk of metals in a conveying direction (4) to a sorting gap (14, 29) through which coins (36) can pass and which is bounded by a roll (31, 32, 33, 34) that can be rotated about an axis of rotation (6, 7, 8) by means of a drive, in such a way that metal that cannot be conveyed further in the conveying direction (4) through the sorting gap (14, 29) can have a force applied thereto by the roll (10, 11, 12, 13, 31, 32, 33, 34) in a direction (24, 25) away from the sorting gap (14, 29).

IPC 8 full level

G07D 3/02 (2006.01); **B07B 13/05** (2006.01)

CPC (source: EP US)

B07B 1/14 (2013.01 - EP US); **B07B 13/05** (2013.01 - EP US); **G07D 3/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2013060349A1

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)

WO 2013060349 A1 20130502; DK 2742491 T3 20150803; EP 2771867 A1 20140903; EP 2771867 B1 20170524; ES 2543188 T3 20150817; US 2016016201 A1 20160121; US 9481015 B2 20161101; WO 2013060584 A1 20130502

DOCDB simple family (application)

EP 2011068527 W 20111024; DK 12784495 T 20121012; EP 11784443 A 20111024; EP 2012070302 W 20121012; ES 12784495 T 20121012; US 201214400664 A 20121012