

Title (en)

POSTAL SORTING MACHINE WITH CLAMPING CONVEYOR AND METHOD FOR OPERATING THE SAME

Title (de)

POSTSORTIERMASCHINE MIT KLEMMFÖRDERUNG UND VERFAHREN ZUM BETRIEB DERSELBIGEN

Title (fr)

MACHINE DE TRI POSTAL COMPRENANT DES MOYENS DE CONVOYAGE PAR PINCEMENT, ET SON PROCÉDÉ DE MISE EN OEUVRE

Publication

EP 2605867 A1 20130626 (FR)

Application

EP 11735486 A 20110614

Priority

- FR 1056676 A 20100819
- FR 2011051339 W 20110614

Abstract (en)

[origin: WO2012022866A1] The invention relates to a sorting machine, including a unstacking machine (10) suitable for setting postal items on edge, means (20, 25) for recognizing the address of said postal items, and an area (2, 3, 4) for conveying the postal items through gripping, including an unstacking area (1) extending from the unstacking machine, a sorting area (3) having a plurality of sorting outlets (S1-SN) distributed between an upstream sorting outlet (S1) adjacent to the unstacking machine and a downstream sorting outlet (SN). According to the invention, said sorting machine also comprises a recirculation area (4) connecting the downstream sorting outlet (SN) and the upstream sorting outlet (S1), said recirculation area defining, together with the unstacking area (1), a confluence point (C) located between the unstacking machine and the upstream sorting outlet.

IPC 8 full level

B07C 3/02 (2006.01); **B07C 3/14** (2006.01)

CPC (source: EP US)

B07C 3/02 (2013.01 - EP US); **B07C 3/14** (2013.01 - EP US); **B65H 5/34** (2013.01 - EP US); **B65H 7/18** (2013.01 - EP US); **B65H 2301/314** (2013.01 - EP US); **B65H 2301/4452** (2013.01 - EP US); **B65H 2301/44522** (2013.01 - EP US); **B65H 2301/4454** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2511/51** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2513/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2012022866A1

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 2012022866 A1 20120223; AU 2011290640 A1 20130131; AU 2011290640 B2 20130815; CN 103037986 A 20130410; CN 103037986 B 20140604; DK 2605867 T3 20150119; EP 2605867 A1 20130626; EP 2605867 B1 20141119; FR 2963896 A1 20120224; FR 2963896 B1 20151016; JP 2013534183 A 20130902; JP 3194234 U 20141113; PT 2605867 E 20150206; RU 2522680 C1 20140720; US 2012222992 A1 20120906

DOCDB simple family (application)

FR 2011051339 W 20110614; AU 2011290640 A 20110614; CN 201180037384 A 20110614; DK 11735486 T 20110614; EP 11735486 A 20110614; FR 1056676 A 20100819; JP 2013524466 A 20110614; JP 2014004205 U 20140807; PT 11735486 T 20110614; RU 2013104017 A 20110614; US 201113390438 A 20110614