

Title (en)

MAIL SORTING SYSTEM HAVING SEVERAL OUTPUT DEVICES AND MAIL SORTING METHOD

Title (de)

POSTSORTIERANLAGE MIT MEHREREN AUSGABEEINRICHTUNGEN UND POSTSORTIERVERFAHREN

Title (fr)

INSTALLATION DE TRI POSTAL COMPORTANT PLUSIEURS DISPOSITIFS DE SORTIE, ET PROCÉDÉ DE TRI POSTAL

Publication

EP 2355938 B1 20121226 (DE)

Application

EP 09763901 A 20091111

Priority

- EP 2009064962 W 20091111
- DE 102008057408 A 20081114
- DE 102008058843 A 20081125
- DE 102008062843 A 20081223

Abstract (en)

[origin: WO2010055047A1] The invention relates to a sorting system for sorting flat objects, particularly mail items, and a method for sorting such objects. The sorting system comprises a discharge device and an arrangement having at least two output devices (2.2, 2.3). The output devices (2.2, 2.3) are arranged one behind the other as viewed in a longitudinal axis. The discharge device is designed to discharge each flat object to be sorted into one of the output devices (2.2, 2.3) in each case in such a way that the objects discharged into the same output device form a stack. Each output device (2.2, 2.3) comprises a bottom. The bottom of each output device (2.2, 2.3) rises with respect to the horizontal as viewed in a rising direction (A). An edge (9.2, 9.3) appears between the bottoms of two adjacent output devices (2.2, 2.3). Said edge (9.2, 9.3) slopes downward vertically or aslant as viewed in the rising direction (A).

IPC 8 full level

B07C 3/06 (2006.01)

CPC (source: EP US)

B07C 3/06 (2013.01 - EP US); **B65H 31/06** (2013.01 - EP US); **B65H 2405/2111** (2013.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102008058843 A1 20100520; DE 102008062843 A1 20100602; EP 2355938 A1 20110817; EP 2355938 B1 20121226; US 2011260393 A1 201111027; US 8348275 B2 20130108; WO 2010055047 A1 20100520

DOCDB simple family (application)

DE 102008058843 A 20081125; DE 102008062843 A 20081223; EP 09763901 A 20091111; EP 2009064962 W 20091111; US 200913129474 A 20091111