

Title (en)

POSTAL SORTING MACHINE AND METHOD FOR POSTAL MAILINGS AND SEPARATORS

Title (de)

POSTSORTIERMASCHINE UND -VERFAHREN FÜR POSTSENDUNGEN UND TRENNKARTEN

Title (fr)

MACHINE DE TRI POSTAL POUR ENVOIS POSTAUX ET INTERCALAIRES ET PROCÉDÉ DE TRI D'ENVOIS POSTAUX ET INTERCALAIRES

Publication

EP 2731736 A1 20140521 (FR)

Application

EP 12744062 A 20120709

Priority

- FR 1156404 A 20110713
- FR 2012051612 W 20120709

Abstract (en)

[origin: WO2013007938A1] The invention relates to a mail-sorting machine (101) for sorting mail items (1) and dividers (2), including: sorting outlets (105); a first unstacking device (102); a conveyor (104) distributing said mail items (1) and dividers (2) between said sorting outlets (105); a second unstacking device (103) that automatically unstacks at least one divider (2) according to at least one predetermined criterion, and feeds said at least one divider into the flow of mail items (1), said conveyor (104) distributing said reinserted divider (2) to a specific predetermined sorting outlet (105); and a device (103) for stacking dividers (2), which is arranged between said first unstacking device (102) and said second unstacking device (103), so as to extract dividers (2), stack said dividers, store said dividers, and automatically feed said second unstacking device (103). The invention also relates to a sorting method implementing said mail-sorting machine (101).

IPC 8 full level

B07C 3/00 (2006.01)

CPC (source: EP US)

B07C 3/00 (2013.01 - EP US); **B07C 99/00** (2022.08 - US)

Citation (search report)

See references of WO 2013007938A1

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 2013007938 A1 20130117; AU 2012282339 A1 20140116; AU 2012282339 A8 20140123; AU 2012282339 B2 20140717; DK 2731736 T3 20150622; EP 2731736 A1 20140521; EP 2731736 B1 20150520; FR 2977815 A1 20130118; FR 2977815 B1 20151211; US 2013090758 A1 20130411; US 8825199 B2 20140902

DOCDB simple family (application)

FR 2012051612 W 20120709; AU 2012282339 A 20120709; DK 12744062 T 20120709; EP 12744062 A 20120709; FR 1156404 A 20110713; US 201213583848 A 20120709