

Title (en)

POSTAL SORTING EQUIPMENT COMPRISING A DESTACKER IN THE FORM OF A FORK AND HAVING A MOBILE LIFTING SECTION

Title (de)

POSTSORTIEREINRICHTUNG UMFASSEND EIN ALS GABEL AUSGEBILDETES VEREINZELUNGSMAGAZIN MIT EINEM MOBILEN HEBEBEREICH

Title (fr)

EQUIPEMENT DE TRI POSTAL AVEC UN MAGASIN DE DEPILEUR FORMANT UNE FOURCHE ET COMPORTANT UNE SECTION MOBILE EN ELEVATION

Publication

EP 3393682 A1 20181031 (FR)

Application

EP 16804832 A 20161107

Priority

- FR 1563312 A 20151224
- FR 2016052876 W 20161107

Abstract (en)

[origin: WO2017109304A1] The invention relates to a postal sorting apparatus for sorting flat postal items (P), including a postal sorting machine (1), a conveyor (7A) for open-top storage bins (5) that are filled with flat-stacked postal items, a conveyor (7B) for open-front shuttle bins (8) which are generally dihedral and in which the postal items are arranged edgewise in a stack, and a bin exchanger (7) that is capable of automatically transferring the flat-stacked postal items in an open-top storage bin to an open-front shuttle bin, the supply inlet (2) including a destacker with a fork-shaped magazine having teeth each of which is made up of a motor-driven belt, the shuttle bin and the fork-shaped magazine being designed such that when moving toward the destacker, the shuttle bin is straddled by the motor-driven belts of the magazine of the destacker, which slot in under the stack of postal items arranged edgewise in said shuttle bin, said magazine of the destacker also comprising a conveying portion that is mounted under the teeth of the magazine so as to be liftably movable.

IPC 8 full level

B07C 3/00 (2006.01)

CPC (source: EP)

B07C 3/008 (2013.01)

Citation (search report)

See references of WO 2017109304A1

Cited by

CN112407812A

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

DOCDB simple family (publication)

WO 2017109304 A1 20170629; CA 3002504 A1 20170629; DK 3393682 T3 20200330; EP 3393682 A1 20181031; EP 3393682 B1 20200108; ES 2780724 T3 20200826; FR 3046092 A1 20170630; FR 3046092 B1 20180105; JP 3219415 U 20181227; PT 3393682 T 20200331

DOCDB simple family (application)

FR 2016052876 W 20161107; CA 3002504 A 20161107; DK 16804832 T 20161107; EP 16804832 A 20161107; ES 16804832 T 20161107; FR 1563312 A 20151224; JP 2018600043 U 20161107; PT 16804832 T 20161107