Title (en)
DEVICE FOR STACKING FLAT OBJECTS, STORAGE DEVICE FOR FLAT POSTAL OBJECTS AND POSTAL SORTING MACHINE

Title (de)
VORRICHTUNG ZUM STAPELN VON FLACHEN GEGENSTÄNDEN, AUFBEWAHRUNGSVORRICHTUNG FÜR FLACHE POSTSTÜCKE UND POSTSORTIERMASCHINE

Title (fr)
DISPOSITIF D'EMPILAGE D'OBJETS PLATS, DISPOSITIF DE STOCKAGE POUR OBJETS PLATS POSTAUX ET MACHINE DE TRI POSTAL

Publication
EP 2897889 A1 20150729 (FR)

Application
EP 13774725 A 20130905

Priority
• FR 1258778 A 20120919
• FR 2013052042 W 20130905

Abstract (en)
[origin: WO2014044946A1] A stacking device (1) for stacking flat objects (100) on edge comprising a stacking rack (2) that extends in a certain direction of stacking (D2) in order to store, in a stack on edge, flat objects (100) inserted successively into said stacking rack (2), a stacking actuator (4) for guiding and inserting, in a direction of insertion (D1) transverse to the direction of stacking (D2), each flat object (100) to be stacked at the back of said stack of flat objects (100), said stacking rack (2) being mobile relative to the stacking actuator (4) in the direction of stacking (D2) and said stacking device (1) comprising pulsing means (9) synchronised with the stacking actuator (4) to move the stacking rack (2) in translation by pulses in the direction of stacking (D2) when a flat object (100) is inserted at the back of said stack of flat objects (100). A storage device and a postal sorting machine comprising such a stacking device (1).

IPC 8 full level
B65H 31/06 (2006.01); B65H 29/40 (2006.01); B65H 31/18 (2006.01)

CPC (source: EP US)
B65H 29/40 (2013.01 - EP US); B65H 31/06 (2013.01 - EP US); B65H 31/18 (2013.01 - EP US); B65H 2301/321 (2013.01 - EP US); B65H 2301/4214 (2013.01 - EP US); B65H 2403/512 (2013.01 - EP US); B65H 2404/652 (2013.01 - EP US); B65H 2405/35 (2013.01 - EP US); B65H 2701/1916 (2013.01 - EP US)

Citation (search report)
See references of WO 2014044946A1

Cited by
WO2019052815A1

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)
FR 2995591 A1 20140321; FR 2995591 B1 20150814; DK 2897889 T3 20170220; EP 2897889 A1 20150729; EP 2897889 B1 20161109; PT 2897889 T 20170120; US 2015203317 A1 20150723; US 9073723 B1 20150707; WO 2014044946 A1 20140327

DOCDB simple family (application)
FR 1258778 A 20120919; DK 13774725 T 20130905; EP 13774725 A 20130905; FR 2013052042 W 20130905; PT 13774725 T 20130905; US 201314130022 A 20130905