

Title (en)

Device for replenishing a pile in a feeder for flat objects standing on edge

Title (de)

Vorrichtung zum Nachfüllen von Stapeln flacher, auf der Kante stehenden Gegenständen in einer Vereinzelungseinrichtung

Title (fr)

Dispositif destiné au rechargement d'une pile d'objets plats sur chant dans un dispositif de dépileage

Publication

EP 1873096 A3 20080213 (DE)

Application

EP 07111128 A 20070627

Priority

DE 102006029891 A 20060628

Abstract (en)

[origin: EP1873096A2] The device has an outlet device (A) with a pile (1) of flat objects e.g. letter, which are standing at an edge. A feeding unit (F1) feeds the flat objects in an upright position towards the outlet device. Another pile (2) of flat objects, which are standing at the edge, is arranged on another feeding unit (H), which is formed and arranged above the feeding unit (F1) such that the pile (2) is movable to the end of the pile (1) or at the outlet device without contacting the feeding unit (F1) and is loadable at the feeding unit (F1).

IPC 8 full level

B65H 1/02 (2006.01); **B65H 1/26** (2006.01)

CPC (source: EP)

B65H 1/025 (2013.01); **B65H 1/26** (2013.01); **B65H 2301/321** (2013.01); **B65H 2404/232** (2013.01); **B65H 2404/267** (2013.01); **B65H 2404/2691** (2013.01); **B65H 2701/1916** (2013.01)

Citation (search report)

- [X] DE 2640496 A1 19770310 - GRAPH HOLDING AG
- [A] WO 03045825 A1 20030605 - IMA SPA [IT], et al
- [X] US 3915338 A 19751028 - KRONSEDER HERMANN, et al
- [X] US 5713713 A 19980203 - SYDE GARY VANDER [US], et al
- [X] WO 9608435 A1 19960321 - SIEMENS AG [DE], et al
- [X] EP 0645330 A1 19950329 - CGA HBS [FR]
- [X] EP 0645327 A1 19950329 - CGA HBS [FR]

Cited by

FR3069791A1; EP2858907A4; US9346580B2; US9856047B2; WO2019025674A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1873096 A2 20080102; **EP 1873096 A3 20080213**; **EP 1873096 B1 20100120**; AT E455720 T1 20100215; DE 102006029891 A1 20080103; DE 502007002654 D1 20100311

DOCDB simple family (application)

EP 07111128 A 20070627; AT 07111128 T 20070627; DE 102006029891 A 20060628; DE 502007002654 T 20070627