

Title (en)

Stacking machine for processing standard- up to C4-sized postal items

Title (de)

Stapelvorrichtung für die Bearbeitung von Poststücken mit Standard- bis C4-Format

Title (fr)

Dispositif d'empilement pour le traitement du courrier du format standard et jusqu'à taille C4

Publication

**EP 2374745 A3 20120118 (EN)**

Application

**EP 11162146 A 20110412**

Priority

IT TO20100275 A 20100412

Abstract (en)

[origin: EP2374745A2] A stacking machine comprising a launching device (3) to handle standard and elongated postal items (40) one by one, a bottom wall (18) to support a longitudinal side of the postal item when the latter is processed by the launching device (3), a stop wall (9) facing the launching device (3) to stop the postal items launched by the launching device (3), a compacting module (6) comprising a resting plane (15) to support a longitudinal side of the stacked postal items (40) processed by said launching device (3), and a first helix (10) arranged to engage a tail portion (42) of a postal item (40) exiting the launching device (3) and configured to guide the tail portion (42) towards the compacting module (6) and to free the outlet of the launching device (3), the stop wall (9) being spaced from the launching device (3) so that when a C4 postal item contacts the stop wall (9), the first helix (10) engages the tail portion of the C4 postal item.

IPC 8 full level

**B65H 31/06** (2006.01); **B65H 29/70** (2006.01)

CPC (source: EP)

**B65H 29/70** (2013.01); **B65H 31/06** (2013.01); **B65H 2301/321** (2013.01); **B65H 2301/4214** (2013.01); **B65H 2701/1916** (2013.01)

Citation (search report)

- [X] US 4518160 A 19850521 - LAMBRECHTS ERIC G Y [BE], et al
- [X] JP S5543773 U 19800321
- [I] JP S4875378 U 19730919
- [X] JP S4983769 U 19740719
- [X] US 2970836 A 19610207 - SMITH JOHN G

Cited by

EP2607277A1; US8727344B2

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)

**EP 2374745 A2 20111012; EP 2374745 A3 20120118; IT TO20100275 A1 20111013**

DOCDB simple family (application)

**EP 11162146 A 20110412; IT TO20100275 A 20100412**