

Title (en)

METHOD AND DEVICE FOR ORIENTING FLAT ITEMS OF MAIL TOWARDS A NARROW EDGE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSRICHTEN VON FLACHEN SENDUNGEN AUF EINE SCHMALSEITE

Title (fr)

PROCEDE ET DISPOSITIF POUR ALIGNER DES ENVOIS PLATS SUR UN COTE ETROIT

Publication

EP 1620210 B1 20080514 (DE)

Application

EP 04723186 A 20040325

Priority

- EP 2004003147 W 20040325
- DE 10319723 A 20030502

Abstract (en)

[origin: DE10319723B3] The method involves using a U-shaped transport channel (3) with a driven underfloor belt, measuring the thickness of each item (1,2) before it reaches the channel and varying the separation of lateral boundaries (4) in accordance with the thickness so that the item is aligned on the lower narrow side at the end of the channel by gravity and does not collapse. An independent claim is also included for the following:
(a) an arrangement for aligning flat postal items on the narrow side.

IPC 8 full level

B07C 1/06 (2006.01); **B65H 29/12** (2006.01)

CPC (source: EP US)

B07C 1/06 (2013.01 - EP US); **B65H 29/12** (2013.01 - EP US); **B65H 2301/321** (2013.01 - EP US); **B65H 2404/261** (2013.01 - EP US); **B65H 2511/13** (2013.01 - EP US); **B65H 2511/224** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

C-Set (source: EP US)

1. **B65H 2511/13** + **B65H 2220/01**
2. **B65H 2511/224** + **B65H 2220/02**

Cited by

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BE DE FR GB IT

DOCDB simple family (publication)

DE 10319723 B3 20040916; CN 1784275 A 20060607; DE 502004007138 D1 20080626; EP 1620210 A1 20060201; EP 1620210 B1 20080514; JP 2006525109 A 20061109; US 2006249438 A1 20061109; US 7344016 B2 20080318; WO 2004096454 A1 20041111

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