

Title (en)

DEVICE FOR PRESORTING SEPARATED THIN POSTAL ITEMS

Title (de)

EINRICHTUNG ZUM VORSORTIEREN VON VEREINZELTEN SCHMALEN SENDUNGEN

Title (fr)

DISPOSITIF POUR EFFECTUER UN TRI PREALABLE DE PETITS ENVOIS INDIVIDUELS

Publication

**EP 1836005 A1 20070926 (DE)**

Application

**EP 05846357 A 20051124**

Priority

- EP 2005012601 W 20051124
- DE 102004056696 A 20041124

Abstract (en)

[origin: WO2006056454A1] The invention relates to a device for presorting separated thin postal items to sorting final position areas of a postal item sorting machine according to the read distributing information and to the assigned sorting final position area. To this end, the device comprises at least two entries (E1, E2, E3) for the streams of postal items and at least two exits (A1, A2, A3) each leading to a sorting final position area. All connecting paths with intersections (KZ1-KW1 to KZ6-KW6) are provided in a multiple manner between each respective entry (E1, E2, E3) and each respective exit (A1, A2, A3). The postal items are distributed via the corresponding switches (W11 to W33) to the multiple connecting paths from an entry (E1 to E3) to an output (A1 to A3) in such a manner that, at the intersections (KZ1-KW1 to KZ6-KW6), gaps develop that are required for postal items in the intersecting path and in the junctions (Z11 to Z33).

IPC 8 full level

**B07C 3/06** (2006.01)

CPC (source: EP US)

**B07C 3/06** (2013.01 - EP US); **Y10S 209/90** (2013.01 - EP)

Citation (search report)

See references of WO 2006056454A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006056454 A1 20060601**; AT E456405 T1 20100215; DE 102004056696 A1 20060608; DE 102004056696 B4 20060831; DE 502005008963 D1 20100318; DK 1836005 T3 20100531; EP 1836005 A1 20070926; EP 1836005 B1 20100127; ES 2339373 T3 20100519; US 2008087582 A1 20080417; US 7777148 B2 20100817

DOCDB simple family (application)

**EP 2005012601 W 20051124**; AT 05846357 T 20051124; DE 102004056696 A 20041124; DE 502005008963 T 20051124; DK 05846357 T 20051124; EP 05846357 A 20051124; ES 05846357 T 20051124; US 79109905 A 20051124