

Title (en)

Device for forming a closed stack of flat mail items

Title (de)

Einrichtung zur Bildung eines geschlossenen Stapels von flachen Sendungen

Title (fr)

Dispositif de formation d'une pile fermée d'envois plats

Publication

**EP 0870552 A3 19990217 (DE)**

Application

**EP 98105412 A 19980325**

Priority

DE 19714185 A 19970407

Abstract (en)

[origin: DE19714185C1] The device provides a closed stack of flat consignments received from different sorting compartments (12), with pivoted separation plates inserted between these consignments. The separation plates are spaced in dependence on the detected filling levels of the respective emptied compartments provided by sensors and are used in conjunction with an end plate secured to an underfloor conveyor band to hold the consignments in an upright position.

IPC 1-7

**B07C 3/06**

IPC 8 full level

**B07C 3/08** (2006.01); **B07C 1/02** (2006.01); **B07C 3/06** (2006.01); **B65G 61/00** (2006.01)

CPC (source: EP)

**B07C 1/025** (2013.01)

Citation (search report)

- [DY] EP 0661106 A2 19950705 - HITACHI LTD [JP]
- [Y] DE 19545716 C1 19960905 - LICENTIA GMBH [DE]
- [A] EP 0696482 A2 19960214 - FINMECCANICA SPA [IT]
- [A] DE 4117434 A1 19921203 - WINKLER DUENNEBIER KG MASCH [DE]

Cited by

DE10303976A1; CN109396049A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19714185 C1 19980723**; DE 59804550 D1 20020801; EP 0870552 A2 19981014; EP 0870552 A3 19990217; EP 0870552 B1 20020626; JP H10277495 A 19981020

DOCDB simple family (application)

**DE 19714185 A 19970407**; DE 59804550 T 19980325; EP 98105412 A 19980325; JP 8998198 A 19980402