

Title (en)

Device for reversing the transport direction of flat mail objects

Title (de)

Vorrichtung zur Umkehrung der Transportrichtung von flachen Sendungen

Title (fr)

Dispositif d'inversion de la direction de transport d'envois plats

Publication

EP 0704255 A3 19980121 (DE)

Application

EP 95113897 A 19950905

Priority

DE 4431800 A 19940907

Abstract (en)

[origin: EP0704255A2] The device has a transportation roller (3) located between the feed and delivery conveyor systems (1,2). Two extended fence elements (4,5), parallel to each other, are located tangentially to the transportation roller. The transportation roller and fence elements are rotatable around a common axis (A) independently of each other in the region between the conveyor systems. Consequently, flat parcels (3a) fed through the first conveyor system are frictionally directed between one fence element and the transportation roller.

IPC 1-7

B07C 1/18

IPC 8 full level

B07C 1/20 (2006.01); **B65H 15/00** (2006.01)

CPC (source: EP US)

B07C 1/20 (2013.01 - EP US); **B65H 15/016** (2020.08 - EP US); **B65H 2701/1916** (2013.01 - EP)

Citation (search report)

- [A] DE 3412464 A1 19851010 - ADREMA MASCHINENBAU GMBH [DE]
- [A] FR 2315131 A1 19770114 - SIGNAUX ENTR ELECTRIQUES [FR]
- [A] GB 621533 A 19490411 - MILOS HORICA
- [A] PATENT ABSTRACTS OF JAPAN vol. 17, no. 648 (M - 1518) 2 December 1993 (1993-12-02)

Cited by

EP2236446A1; EP1424299A3; US7080834B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0704255 A2 19960403; **EP 0704255 A3 19980121**; **EP 0704255 B1 20010816**; AT E204214 T1 20010915; DE 4431800 A1 19960314; DE 59509507 D1 20010920

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