

Title (en)

Method and device for sorting mail

Title (de)

Verfahren und Einrichtung zum Sortieren von Sendungen

Title (fr)

Procédé et dispositif de tri de courrier

Publication

EP 0909591 A3 20030312 (DE)

Application

EP 98107033 A 19980417

Priority

DE 19745829 A 19971016

Abstract (en)

[origin: EP0909591A2] The mail sorting device has the individual items transported past light barriers (E) and sorting deflectors (F), each item contained within a transparent envelope which projects beyond it on either side, with initial detection of the outer edges of the envelope and the outer edges of the enclosed contents. The measured signals are used in combination with the transport rate, for determining the spacing of the outer edges of the envelope from the outer edges of the contents and used for controlling the sorting deflectors for maximum deflection.

IPC 1-7

B07C 3/00; **B07C 1/04**

IPC 8 full level

B65H 29/60 (2006.01); **B07C 3/00** (2006.01); **B07C 3/06** (2006.01); **B07C 3/08** (2006.01)

CPC (source: EP)

B07C 3/00 (2013.01); **B07C 3/06** (2013.01)

Citation (search report)

- [A] DE 2758007 B1 19790301 - LICENTIA GMBH
- [A] DE 2738360 A1 19780914 - DOCUTRONIX INC
- [A] US 4077620 A 19780307 - FRANK WERNER, et al

Cited by

CN101850338A; EP2767351A1; CN103990600A; CN117775643A; US9290346B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0909591 A2 19990421; **EP 0909591 A3 20030312**; JP H11192457 A 19990721

DOCDB simple family (application)

EP 98107033 A 19980417; JP 29362898 A 19981015