

Title (en)

METHOD AND APPARATUS FOR JOGGING AND EDGING OF MAIL AND OTHER FLAT ARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINRÜTTELN UND AUSRICHTEN VON POST UND ANDEREN FLACHEN ARTIKELN

Title (fr)

APPAREIL ET METHODE POUR EGALISER ET BORDER LE COURRIER ET D'AUTRES OBJETS PLATS

Publication

EP 0906236 B1 20050302 (EN)

Application

EP 97918507 A 19970328

Priority

- US 9705535 W 19970328
- US 62625096 A 19960329
- US 4143297 P 19970130

Abstract (en)

[origin: CA2250390A1] The present invention relates to an apparatus and method for jogging and edging mail or other flat articles in preparation for feeding to a processing machine. Conventionally, when feeding articles into a sorting machine, an operator had to manually grab a bundle of mail to be sorted and manually shake the mail to align the bottom edges. The operator then placed the aligned stack against a feed member of the sorting machine. The present invention overcomes the inefficiency of manually shaking the flat articles by providing an automatic edging device. Specifically, the edging device (350) includes a plurality of generally spaced-apart upstanding fingers (355) which are forwardly translatable with a group of flat products between them. Each of the fingers is rockable back and forth across a vertical centerline as the fingers are forwardly translated to jostle the flat articles to align their bottom edges.

IPC 1-7

B07C 1/04; **B07C 1/06**; **B65H 31/06**; **B65G 47/28**

IPC 8 full level

B07C 1/04 (2006.01); **B07C 1/06** (2006.01); **B65G 47/28** (2006.01); **B65H 1/02** (2006.01); **B65H 31/06** (2006.01); **B65H 31/38** (2006.01)

CPC (source: EP)

B65H 1/025 (2013.01); **B65H 1/30** (2013.01); **B65H 2301/4462** (2013.01); **B65H 2403/513** (2013.01); **B65H 2701/1916** (2013.01)

Cited by

WO2008000759A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

AU 2659697 A 19971022; CA 2250390 A1 19971009; DE 69732629 D1 20050407; DE 69732629 T2 20060413; EP 0906236 A1 19990407; EP 0906236 A4 19990908; EP 0906236 B1 20050302

DOCDB simple family (application)

AU 2659697 A 19970328; CA 2250390 A 19970328; DE 69732629 T 19970328; EP 97918507 A 19970328