

Title (en)
Method for identifying overlapping mailings

Title (de)
Verfahren zur Erkennung von überlappenden Sendungen

Title (fr)
Procédé d'identification d'envois en prise multiple

Publication
EP 1619152 A1 20060125 (FR)

Application
EP 05300598 A 20050718

Priority
FR 0451628 A 20040722

Abstract (en)
The method involves passing mails (A-D) in a machine along a sorting plane during a sorting pass, and measuring references (GPA-GPD) for each mail, and finding an expected mail sequence (10) for another sorting pass. Volumes (GP`a, GP`B, GP`D) is measured for each current mail. The reference (GPB) and volume (GP`B) are compared to identify presence of overlapping mails, between the two passes. The reference (GPB) and volume (GP`B) are compared during the two passes, if the current mail is not an expected mail in the sequence (10). An independent claim is also included for a mail sorting machine.

IPC 8 full level
B65H 7/12 (2006.01); **B07C 1/04** (2006.01)

CPC (source: EP US)
B65H 7/125 (2013.01 - EP US); **B65H 2511/11** (2013.01 - EP US); **B65H 2511/13** (2013.01 - EP US); **B65H 2511/15** (2013.01 - EP US); **B65H 2515/10** (2013.01 - EP US); **B65H 2515/20** (2013.01 - EP US); **Y10S 209/90** (2013.01 - EP)

Citation (search report)

- [X] GB 2279634 A 19950111 - TOSHIBA KK [JP]
- [XA] DE 19625043 C1 19970410 - AEG ELECTROCOM GMBH [DE]
- [A] US 3955812 A 19760511 - SUDA KAZUYOSHI, et al
- [A] US 4121716 A 19781024 - LUPERTI HARRY E, et al
- [A] FR 2841487 A1 20040102 - SOLYSTIC [FR]

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)
EP 1619152 A1 20060125; EP 1619152 B1 20071114; AT E378277 T1 20071115; DE 602005003270 D1 20071227; DE 602005003270 T2 20080918; ES 2294662 T3 20080401; FR 2873361 A1 20060127; FR 2873361 B1 20060908; US 2006016730 A1 20060126; US 7482549 B2 20090127

DOCDB simple family (application)
EP 05300598 A 20050718; AT 05300598 T 20050718; DE 602005003270 T 20050718; ES 05300598 T 20050718; FR 0451628 A 20040722; US 18489305 A 20050720