

Title (en)
MAIL HANDLING SYSTEM

Publication
EP 0476984 A3 19921014 (EN)

Application
EP 91308491 A 19910918

Priority
GB 9020413 A 19900919

Abstract (en)
[origin: EP0476984A2] A system for handling and sorting mail items is disclosed. Destination of the mail items (16) is read and the mail items are fed into pockets (14) of a rotating carrier (13). A plurality of bins (11) are located beneath the carrier and as a pocket containing a mail item to be received in a specified bin aligns with that bin, the bottom (18) of the pocket is opened to release the mail item. The pockets and bins are arranged around a central hub (12) housing operating elements of the system. A module (17) for feeding mail items to the pockets and for reading destination addresses is mounted radially outwardly of the rotatable carrier. The system is controlled by a controller (28) which operates to allocate bins to destination addresses of the mail items. Sensors are provided to monitor operation of the system and to cause bin full indications to be provided to an operator of the system. <IMAGE> <IMAGE> <IMAGE>

IPC 1-7
B07C 3/04

IPC 8 full level
B07C 3/04 (2006.01)

CPC (source: EP)
B07C 3/04 (2013.01)

Citation (search report)
• [Y] FR 2303610 A1 19761008 - SP P KONSTRUKTOR [SU]
• [Y] DE 1574132 A1 19701022 - SIEMENS AG
• [A] US 3573748 A 19710406 - HOLME WILLIAM M

Cited by
CN102950119A; CN103071625A; DE4309767A1; CN102441534A; EP0820818A1; US5994657A; AU735487B2; GB2335639A; GB2335639B; EP0949015A3; GB2524062A; US6227378B1; WO2004007102A1; WO2013067983A3; WO2013067982A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0476984 A2 19920325; EP 0476984 A3 19921014; GB 2248133 A 19920325; GB 9020413 D0 19901031

DOCDB simple family (application)
EP 91308491 A 19910918; GB 9020413 A 19900919