

Title (en)

Device for feeding a stack of flat objects arranged on edge to an unstacking head of an automatic sorting system

Title (de)

Vorrichtung zum Zuführen von flachen, hochkantgestellten Gegenständen an den Entstapelkopf eines automatischen Sortiersystems

Title (fr)

Dispositif d'aménagement d'une pile d'objets plats sur chant vers une tête de dépilement de système de tri automatique

Publication

**EP 0562954 B1 19970716 (FR)**

Application

**EP 93400755 A 19930323**

Priority

FR 9203723 A 19920327

Abstract (en)

[origin: US5308052A] The present invention concerns a device for feeding a stack of flat articles on edge, especially mail items, to a de-stacker head provided with a support surface, the device comprising a main feed magazine in which the stack is disposed and a plate pushing the rear of the stack. A secondary feed magazine is introduced between the main magazine and the support surface of the de-stacker head, the secondary magazine having an upwardly inclined transfer surface, its edge adjacent to the support surface of the de-stacker head being higher than the latter.

IPC 1-7

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IPC 8 full level

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Cited by

WO2019025674A1; EP2143676A4; EP0816268A3; FR2904617A1; FR3069791A1; DE10328619A1; US7677552B2; WO2008015347A1; WO9532138A3; WO0020311A1; US6168372B1; US6447435B2; US8235377B2

Designated contracting state (EPC)

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**US 5308052 A 19940503**; AT E155365 T1 19970815; CA 2092243 A1 19930928; CA 2092243 C 19980106; DE 69312139 D1 19970821; DE 69312139 T2 19980115; EP 0562954 A1 19930929; EP 0562954 B1 19970716; ES 2104088 T3 19971001; FR 2689038 A1 19931001; FR 2689038 B1 19970221; JP H0624580 A 19940201; JP H085556 B2 19960124

DOCDB simple family (application)

**US 3447293 A 19930319**; AT 93400755 T 19930323; CA 2092243 A 19930323; DE 69312139 T 19930323; EP 93400755 A 19930323; ES 93400755 T 19930323; FR 9203723 A 19920327; JP 6851393 A 19930326