

Title (en)
STACKING DEVICE FOR LETTER MAIL

Publication
EP 0270731 B1 19930714 (DE)

Application
EP 87107315 A 19870520

Priority
DE 3642021 A 19861209

Abstract (en)
[origin: US4838539A] A stacker for letters and similar flat, flexible conveyed material includes a number of stack compartments to which the letters are fed past shunts assigned separately to the individual compartments and in which the letters are stacked on top of one another, the stack compartments are sloped by a specific angle in the direction of the incoming letters. Each stack compartment has an inlet strap mounted at one end to rotate above the letter inlet opening and to guide the letter into the stack compartment during its energy. The inlet strap has an angle iron shaped cross section, with the ends of the legs pointing in the direction of the stacking space. An additional guide device is provided in the interspace of the inlet strap formed by the legs, which is fastened in the inlet strap in the area of its bearing, and is disposed at a specific angle to the inlet strap in the rest position and can pivot into the interspace formed by the legs of the inlet strap, so that the front edge of an incoming letter slides along the inlet strap, but the rear edge is lowered by the additional guide device.

IPC 1-7
B07C 3/06; **B65H 29/52**; **G06K 13/12**

IPC 8 full level
B07C 3/06 (2006.01); **B07C 5/38** (2006.01); **B65H 29/52** (2006.01); **G06K 13/12** (2006.01)

CPC (source: EP US)
B07C 3/065 (2013.01 - EP US); **B07C 5/38** (2013.01 - EP US)

Cited by
EP0906793A3; EP0407795A3; DE3922045A1; DE3922045C2; US6994220B2; WO9941021A1

Designated contracting state (EPC)
DE FR GB IT

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