

Title (en)

METHOD FOR REMOVING AND ACCELERATING FLAT ARTICLES

Publication

**EP 0299273 B1 19920122 (FR)**

Application

**EP 88110286 A 19880628**

Priority

FR 8709312 A 19870701

Abstract (en)

[origin: US4877229A] A method of extracting and accelerating flat objects such as postal items which are presented in the outlet position of an unstacking head for use by a machine downstream therefrom, the method making use of a clamp for grasping postal items one-by-one and of various sensors (7) such as photoelectric cells, serving to indicate the presence of a postal item in the outlet position of the unstacking head, or in the field of action of the clamp, or serving to indicate that the clamp is in a waiting position or in an end-of-stroke position, the method being characterized in that it essentially comprises the following stages: moving the clamp to a waiting position; when the presence of a postal item is expected in the outlet position from the unstacking head, driving the carriage towards the outlet position of the unstacking head; when the presence of the postal item is detected within the field of action of the clamp, the clamp is closed and the carriage is driven towards the downstream machine; as soon as the presence of a postal item is no longer detected in the outlet position of the unstacking head, the clamp is unclamped, thereby releasing the postal item; and the carriage is stopped and returned to the waiting position.

IPC 1-7

**B65H 5/10**; **B65H 5/14**

IPC 8 full level

**B65H 5/10** (2006.01); **B65H 5/14** (2006.01)

CPC (source: EP US)

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**EP 0299273 A1 19890118**; **EP 0299273 B1 19920122**; AU 1865188 A 19890105; AU 605320 B2 19910110; CA 1304425 C 19920630; DE 3867933 D1 19920305; FR 2617466 A1 19890106; FR 2617466 B1 19901012; US 4877229 A 19891031

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