

Title (en)

Device for feeding sheets to a processing machine.

Title (de)

Vorrichtung zum Zuführen von Bogen zu einer Bearbeitungsmaschine.

Title (fr)

Dispositif d'alimentation en feuilles d'une machine de traitement.

Publication

**EP 0035428 A1 19810909 (FR)**

Application

**EP 81400247 A 19810218**

Priority

FR 8003925 A 19800222

Abstract (en)

1. Device for feeding a processing machine with sheets, of the type comprising a flat and substantially horizontal feed board (4), a front stop (3), or "feed knife", making it possible to allow one sheet to pass through at a time, a rear push-rod (8) driven with a longitudinal reciprocating motion, and a rear stop (10) intended for supporting the rear of the stack of sheets (2) and placed above the said push-rod, characterized in that it also comprises one or more suction boxes (12) located in front and under the said feed table (4) and driven with a longitudinal reciprocating motion by means of a transmission (19, 20) linked to the transmission (21, 22), which moves the said push-rod (8), so that their strokes substantially match during at least a first part (c) of the forward stroke of the said push-rod, corresponding at least to the longitudinal distance (L) of support of the stack (2) by the said rear stop (11, 10), the said box or boxes (12) being connected to a device (13, 14) creating a partial vacuum therein during the said matching (c) of forward strokes, and then releasing the said partial vacuum.

Abstract (fr)

Dispositif de marge plus spécialement destiné à équiper une machine de façonnage de caisses en carton ondulé. Il comprend un caisson aspirant avant (12) et un poussoir arrière (8) animés d'un mouvement de va-et-vient en concordance sur une longueur C. Le vide est ensuite relâché sur le caisson, qui s'arrête alors que le poussoir continue sa course. Une butée arrière surélevée (10) porte l'arrière de la pile (2). En fonctionnement l'avancée du caisson (12) débloque l'arrière de la feuille inférieure (23) qui tombe alors sur la table 4 où elle est reprise par le poussoir (8).

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IPC 8 full level

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Citation (search report)

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Cited by

CN111620172A; EP0451091A1; EP2336059A1; EP2740695A1; EP0133560A3; US4630812A; CN104876040A; US8690151B2; US11999583B2

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