

Title (en)

Device for laying a continuous pre-folded paper web in a paper stacker.

Title (de)

Ablagevorrichtung für eine vorgefaltete Endlospapierbahn in einem Papierstapler.

Title (fr)

Dispositif de dépôt d'une bande de papier continue pourvue de plis dans un dispositif d'empilage de papier.

Publication

EP 0046226 A1 19820224 (DE)

Application

EP 81105979 A 19810729

Priority

DE 3031309 A 19800819

Abstract (en)

[origin: US4388072A] A stacker assembly for a prefolded continuous web of paper is provided with an air jet means for directing an air stream onto the upper sheet of the paper stack being piled in the stacker to press down the folded edges in the stack. The direction and intensity of the air stream are controlled by means of a directional control device and an intensity control device. These control devices have variable settings in order to properly accommodate the particular form lengths of the paper being folded and the particular rigidity characteristics and weight of the paper. The two control devices may be connected via a mechanical coupling device so as to permit automatic adjustment in accordance with lateral displacement of form length guide walls positioned on opposed sides of the paper stack, these guide walls being displaced to accommodate prefolded web paper having different form lengths.

Abstract (de)

Ablagevorrichtung für eine vorgefaltete Endlospapierbahn in einem Papierstapler, die zum Niederhalten der Falzkanten (9, 10) Luftaustrittsdüsen (1) aufweist. Die Richtung und/oder die Intensität des Luftstromes (2) sind mittels einer Richtungs-Steuereinrichtung (12) und/oder einer Intensitäts-Steuereinrichtung (13) zu steuern. Die beiden Einrichtungen können über eine Koppleinrichtung mit einer Formularlängen-Einstellvorrichtung (3) verbunden sein.

IPC 1-7

B65H 45/101

IPC 8 full level

B41J 15/16 (2006.01); **B65H 45/101** (2006.01)

CPC (source: EP US)

B41J 15/16 (2013.01 - EP US); **B65H 45/1015** (2013.01 - EP US); **B65H 2301/4461** (2013.01 - EP US); **B65H 2406/122** (2013.01 - EP US)

Citation (search report)

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EP0412437A1; US5062597A

Designated contracting state (EPC)

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DOCDB simple family (application)

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