

Title (en)

Envelope feeder.

Title (de)

Vorrichtung zum Zuführen von Briefumschlägen.

Title (fr)

Dispositif d'alimentation d'enveloppes.

Publication

EP 0259261 A2 19880309 (EN)

Application

EP 87810486 A 19870827

Priority

US 90340886 A 19860902

Abstract (en)

An envelope feeder (20) for use in a photographic order finishing station includes a suction member (30) that attaches itself to the topmost sheet (18a) of a stack of envelopes (18) and moves in an arcuate path curling the topmost envelope away from the remainder of the stack. Hold-down fingers (86, 88) are provided that are operable to engage the remainder of the envelopes in the stack while the topmost envelope is being removed in order to overcome any mechanical attachment between the topmost envelope and the remainder of the stack. An adjustable envelope holding tray (22) is provided that is moved by an elevator motor (110) to change the height of the stack in order to allow contact of the topmost envelope with the pickup member. The stack height is monitored and the elevator motor is controlled in relation to stack height to maintain the stack at a predetermined level at all times as envelopes are removed. A feed roller assembly (82, 84) is mounted on the envelope feeder base in a position to receive the leading edge of the topmost envelope as it is curled away from the rest of the envelope by the pickup member. The suction on the pickup member is released as the leading edge is received by the feed rollers to allow the envelope to be fed through to an operator while the pickup member returns to its initial position to pick up the next envelope in the stack.

IPC 1-7

B65H 3/08

IPC 8 full level

B65H 1/04 (2006.01); **B65H 1/14** (2006.01); **B65H 1/18** (2006.01); **B65H 3/08** (2006.01); **B65H 3/50** (2006.01)

CPC (source: EP)

B65H 1/18 (2013.01); **B65H 3/0825** (2013.01); **B65H 3/0891** (2013.01); **B65H 3/50** (2013.01)

Cited by

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