

Title (en)

Folding and stapling machine for paper sheets.

Title (de)

Falz- und Heftmaschine für Papierbögen.

Title (fr)

Machine à plier et à brocher des feuilles de papier.

Publication

**EP 0038942 A1 19811104 (DE)**

Application

**EP 81102350 A 19810327**

Priority

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- EP 80102326 A 19800430

Abstract (en)

1. Folding and fastening machine for paper sheets, comprising a folding apparatus (205, 206, 207, 208) which folds along a fold line the sheets of paper (202) which are disposed in a predetermined position in the machine and in which position the folding process takes place (folding position), and having a fastening device (213) which fastens the sheets in the region of the fold, a fastening head (213) being guided for movement so that it can be moved towards the paper which is in the folding position, and with a device for producing an outward bulge in the paper (202) in a predetermined direction, characterised in that the folding device comprises two pairs of clamping jaws (205, 207; 206, 208) each with a first (205, 206) and a second (207, 208) clamping jaw and which are during the fastening process disposed on both sides and at a distance from the fold (210) which is to be produced, and which are so driven that after fastening each pair (205, 207; 206, 208) of the clamping jaws clamp the paper (202) firmly and in that the pairs of clamping jaws are subsequently moved towards each other and in that the arrangement is so contrived that the outwardly bulged zone (270) produced by the device (256) for producing an outward bulge in the paper (202) is passed between facing pressing surfaces (272) of a clamping jaw (205, 206) of each pair and is folded by the pressing surfaces.

Abstract (de)

Eine Falz- und Heftmaschine für Papierbögen mit einer Falzvorrichtung (5, 16, 17), die die in einer Falzposition befindlichen Papierbögen (40) längs einer Falzlinie falzt, und mit einer Heftvorrichtung (30), die die Bögen im Bereich des Falzes heftet, dadurch gekennzeichnet, daß mindestens ein beweglicher Teil (38) der Heftvorrichtung derart beweglich geführt ist, daß er an dem in der Falzposition befindlichen Papier (40) oder an dem Papier während oder unmittelbar nach dem Falzvorgang angreift. Das Heften erfolgt dabei immer auf der Falzlinie.

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**B42B 4/00; B65H 45/18**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- DE 2242576 A1 19740307 - WILL E C H FA

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