

Title (en)

DEVICE FOR THE PRODUCTION OF PRODUCTS WHICH ARE AT LEAST ONCE CROSS-FOLDED AND ARE CUT IN PARALLEL TO THE CROSS-FOLD

Publication

EP 0046262 B2 19890405 (DE)

Application

EP 81106242 A 19810811

Priority

DE 3030705 A 19800814

Abstract (en)

[origin: EP0046262A1] 1. A device for producing products with at least one transverse fold which are cut parallel to the same and are selectively delivered after the transverse fold or provided with another, longitudinal, fold, comprising a folding unit consisting of a folding flap cylinder (2) co-acting with a knife cylinder (4), said folding flap cylinder (2) being followed by a positioning star (21) and a belt transport (23) which is selectively acted upon and which leads to a folding knife (22), characterized in that in the segments between the folding flaps (1), the folding flap cylinder (2) is provided with a shearing knife (14) projecting beyond the circumference thereof and respectively co-acting with a second shearing knife (16) mounted on a knife support cylinder (15) adjacent to said folding flap cylinder (2) and downstream of the knife cylinder (4) in the direction of rotation, and that in the segment of the belt transport (23) which is spaced from the folding flap cylinder by at least the amount the shearing knife (14) projects beyond the circumference thereof, the folding flap cylinder (2) is associated with a gripper cylinder (27) incorporating controlled grippers which engage the folding flaps (1) and move over the shearing knife (14), and in the segment of the positioning star (21) downstream of the belt transport (23) in the direction of rotation a controlled flap (24) with lift fingers (25) which engage the folding flaps (1) and move over the shearing knife (14).

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