

Title (en)
FOLDING APPARATUS WITH A TRANSVERSE PERFORATING DEVICE

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EP 0264846 B1 19900808 (DE)

Application
EP 87115144 A 19871016

Priority
DE 3636246 A 19861024

Abstract (en)
[origin: US4822329A] To permit formation of a transverse perforation in advance of a second cross fold, a first folding blade cylinder (5) equipped with needles (6) and preferably forming a collection cylinder has folding blades, to receive products, cooperation with a first folding flap cylinder (8). In accordance with the invention, the folding flap cylinder is formed with at least one axially extended perforating groove (10) and an associated folding and perforating blade cylinder (11) has a combination perforating and folding blade (13) which engages a folded product once to push the folded product into the perforating groove (10) to form perforations and, upon further travel of the folded product, transfers the product to a second folding flap cylinder (14) having folding flaps (16) to again engage the products with the combination perforating and folding blade to form a second transverse fold in the folding flaps of the second folding flap cylinder (14). Selective control permits enabling or disabling the combination perforating and folding blade (13), for transferring, for example, sheets directly to grippers (15) on the second folding flap cylinder (14), if no second transverse fold is to be made.

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IPC 8 full level
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Cited by
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