

Title (en)  
FOLDING MACHINE

Publication  
**EP 0205115 A3 19880330 (DE)**

Application  
**EP 86107675 A 19860605**

Priority  
DE 3520963 A 19850612

Abstract (en)  
[origin: EP0205115A2] In a folding machine installed on a web-fed printing press for the manufacture of products with at least two cross-folds, having a cross-cutting unit (6) followed by two sequential cross-folding units (8 and 9), the necessary number of controlled sub-units may be simply reduced to give a simple and operator-friendly design in that only one (8) of the cross-folding units (8,9) consists of a folding blade (16) mounted on a cylinder (15) and a jaw folding unit interacting with these, comprising folding jaws (18) fitted to a subsequent cylinder (17) and the other cross-folding unit (9) is constructed as a buckle-folding device consisting of three rollers (21, 22, 23) driven at the same peripheral speed and parallel to the cylinders (15, 17) of the jaw folding unit, which delimit two adjustable transport gaps (24, 25) offset relative to one another on the periphery of the middle roller (22) and a passage (26) situated opposite the middle roller (22) and flanked by the two peripherally non-contacting outer rollers (21, 23), to which passage a buckle pocket (20) open to the middle roller (22) and extending over the full length of the roller is attached, this buckle pocket consisting of guide walls (27,28) separated from one another and directed towards the outer rollers (21, 23) and a stop plate (29) adjustable along the guide walls and bridging the distance between them. <IMAGE>

IPC 1-7  
**B41F 13/56**; **B65H 45/28**

IPC 8 full level  
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CPC (source: EP)  
**B41F 13/56** (2013.01); **B65H 45/28** (2013.01)

Citation (search report)  
• [A] US 3975009 A 19760817 - BROWN FRANK H  
• [A] US 2891791 A 19590623 - WALTER CHASE CORSON

Cited by  
US5042788A; CN113685958A

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**EP 0205115 A2 19861217**; **EP 0205115 A3 19880330**; **EP 0205115 B1 19910508**; DE 3520963 A1 19861218; DE 3520963 C2 19881103; DE 3679106 D1 19910613

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