

Title (en)  
FOLDING MACHINE

Publication  
**EP 0113403 B1 19860723 (DE)**

Application  
**EP 83110866 A 19831031**

Priority  
CH 716382 A 19821209

Abstract (en)  
[origin: US4504259A] The linear conveying route of a first folding material conveying device (1), oriented toward the roll nip (6) of a pair of folding rolls (7, 8), and the conveying route of a second folding material conveying device (11), the conveying direction (16, 17) of which is reversible, converge in an acute angle toward the folding roll nip (6). A deflection guide means guides, in its operative position (20), the portion (43) of the folding material (43, 44) leading in the conveying direction (9) of the first conveying device (1) from the conveying route end of this conveying device (1) to the conveying route of the second conveying device (11), whereupon both conveying devices (1 and 11) each continue transporting a portion of the folding material (43, 44) until the location (A) to be folded reaches a certain position at the deflection guide means (20). Thereupon, in a rest position (20') of the deflection guide means wherein the latter vacates the space between the pair of folding rolls (7, 8) and the conveying routes, the folding material (43, 44) is fed, with the site previously bent at the deflection guide means (20) in the leading position, to the pair of folding rolls (7, 8), by maintaining the conveying direction (9) of the first conveying device (1) and by driving the second conveying device (11) in the direction (17) in opposition to its previous conveying direction (16).

IPC 1-7  
**B65H 45/12**

IPC 8 full level  
**B65H 45/12** (2006.01)

CPC (source: EP US)  
**B65H 45/12** (2013.01 - EP US); **Y10S 493/917** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**EP 0113403 A1 19840718; EP 0113403 B1 19860723**; CH 659054 A5 19861231; DE 3364752 D1 19860828; US 4504259 A 19850312

DOCDB simple family (application)  
**EP 83110866 A 19831031**; CH 716382 A 19821209; DE 3364752 T 19831031; US 55933183 A 19831208