

Title (en)  
FOLDING APPARATUS

Publication  
**EP 0257390 B1 19900131 (DE)**

Application  
**EP 87111333 A 19870805**

Priority  
DE 3628411 A 19860821

Abstract (en)  
[origin: EP0257390A1] 1. A folder comprising a first longitudinal folding device (2) preferably in the form of a former on the feed side of the folder and at least one transverse folding device (15) having a collect cylinder (19) equipped with folding blades (18) and grippers (16), arranged to be supplied from a transverse cutting device (7) with an acceleration path (14) preferably adjoining it and which cooperates with at least one folder cylinder (23) with folding jaws (22) associated with the folding blades (18), such folder cylinder being followed by at least one delivery device, preferably in the form of a transverse folding delivery device (31) and a second longitudinal folding device (29) with an associated longitudinal folder delivery device (30) characterized in that the collect cylinder (19) having two multi-arm relatively adjustable fixture supports (24 and, respectively, 25), has two sets of grippers (16 and, respectively, 17), of which the grippers (17) of the one set are respectively mounted adjacent to one, folding blade (18) of this fixture support (24) associated with this blade and are able to be put into operation as an alternative to the folding blades (18) and the grippers (16) of the other set, which are able to be put into operation jointly with the grippers (17) of the first set or with folding blades (18), are mounted on their own fixture support (25), and each folding cylinder (23) also has two multi-arm fixture supports (26 and, respectively, 27) able to be adjusted in relation to each other also has two sets of grippers (27), which are able to be put into operation as an alternative to each other and/or as an alternative to the folding jaws (22), and are adapted to cooperate with the simultaneously activable grippers (20 and, respectively, 21) of the collect cylinder (19), of which the grippers (20) of the one set are respectively mounted adjacent to one folding jaw (22) on the fixture support (26) associated with the latter and the grippers (21) of the other set are mounted on their own fixture support (27) and the transverse cutting device (7) is able to be reset from one cut length to another cut length which is half as long and vice versa.

IPC 1-7  
**B65H 45/16; B65H 45/28**

IPC 8 full level  
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CPC (source: EP)  
**B41F 13/58** (2013.01); **B41F 13/60** (2013.01); **B41F 13/62** (2013.01)

Cited by  
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