

Title (en)  
Device for folding sheets

Title (de)  
Anordnung zum Falzen von Bögen

Title (fr)  
Dispositif pour plier des feuilles

Publication  
**EP 0795507 B1 20011017 (DE)**

Application  
**EP 97101699 A 19970204**

Priority  
DE 19611788 A 19960312

Abstract (en)  
[origin: EP0795507A2] The plant transports sheets of paper of different length, and folds them using rollers and adjustable end-stops (21). The rollers automatically adapt the folding slot width to the thickness of the paper being folded. There is no folding bar or axle. The arrangement has a set of adjacent sprung rollers (3) of a certain diameter (Da), with press-rollers (4), of another diameter (Db) which is less than half of them, which lie on a symmetrical axis with them. The end-stop position is adjustable between the pressure rollers and also redirects paper. The pressure-rollers are sub-divided in the direction of the axis. The end-stop adjustment zone funnels into the gaps (42). Additional guidance rollers (9) and further pressure rollers are incorporated as required.

IPC 1-7  
**B65H 45/12**; **B65H 15/00**; **B43M 3/04**

IPC 8 full level  
**B43M 3/04** (2006.01); **B65H 15/00** (2006.01); **B65H 45/12** (2006.01)

CPC (source: EP US)  
**B43M 3/04** (2013.01 - EP US); **B65H 15/004** (2020.08 - EP US); **B65H 45/12** (2013.01 - EP US); **B65H 45/14** (2013.01 - EP US)

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**EP 0795507 A2 19970917**; **EP 0795507 A3 19980708**; **EP 0795507 B1 20011017**; DE 19611788 A1 19970918; DE 19611788 C2 19991111; DE 59704916 D1 20011122; US 6042529 A 20000328

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