

Title (en)  
FOLDING APPARATUS

Publication  
**EP 0046261 B1 19841114 (DE)**

Application  
**EP 81106241 A 19810811**

Priority  
DE 3030706 A 19800814

Abstract (en)  
[origin: US4391596A] A folder has at least two transverse paper cutters, each with folding blades for use with a fold jaw cylinder for sheeting and folding paper web coming from a printing press and forwarding the sheets produced to a delivery station. The one or the other transverse cutter (as put into operation on makeready) is used for producing sheet sizes answering to the full or half of the plate cylinder circumference of the printing press. The fold jaw cylinder has tool take-up or fixing positions spaced about its circumference with a spacing equal to half the smaller sheet size to be processed. The fold jaw cylinder is designed to have fixed thereon fold jaws with a spacing therebetween equal to the spacing between the folding blades of the one or the other cutter used at the time and to have fixed thereon scissor or shear cutting knives, running out past its circumference radially and spaced to the back of the jaws (in the direction of running) by half the jaw-to-jaw distance. There is furthermore a knife cylinder between the cutters and the delivery station. This knife cylinder has a circumference at least equal to the largest paper size and is designed to take up knives for use with knives on the fold jaw cylinder.

IPC 1-7  
**B41F 13/60**

IPC 8 full level  
**B65H 45/28** (2006.01); **B41F 13/56** (2006.01); **B41F 13/60** (2006.01); **B65H 45/16** (2006.01)

CPC (source: EP US)  
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Cited by  
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**EP 0046261 A1 19820224**; **EP 0046261 B1 19841114**; DE 3030706 A1 19820218; DE 3030706 C2 19831124; DE 3167197 D1 19841220; JP S5751653 A 19820326; JP S5926576 B2 19840628; US 4391596 A 19830705

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