

Title (en)
FOLDING APPARATUS

Publication
EP 0197477 A3 19881130 (DE)

Application
EP 86104358 A 19860329

Priority
DE 3512308 A 19850404

Abstract (en)
[origin: US4697805A] In a folder with at least one folding blade cylinder cooperating with a folding jaw cylinder, and with a guide mechanism which is located at each outlet wedge situated after the folding place in the direction of rotation of the respective cylinders cooperating in the folding process, extends over the entire length of the cylinder, and guides the parts of the sheets lying, after the folding place, on the circumferential section of the folding blade cylinder and being taken therefrom in the folding process, a long life of the guide mechanism as well as careful handling of the signatures to receive a cross fold can be guaranteed by the guide mechanism being equipped with a middle part which is so supported that it can turn freely around an axis parallel to the cylinder and has an approximately cylindrical surface, and with stationary connecting parts which join the said middle part laterally and have a surface contour cutting about tangentially into the surface of the middle part.

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

CPC (source: EP US)
B65H 45/167 (2013.01 - EP US); **B65H 45/168** (2013.01 - EP US)

Citation (search report)
• [A] US 2659437 A 19531117 - HUCK WILLIAM F
• [A] US 1803499 A 19310505 - GEORG DANZER
• [A] DE 138846 C

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US4817932A

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0197477 A2 19861015; EP 0197477 A3 19881130; EP 0197477 B1 19910403; DE 3512308 A1 19861016; DE 3512308 C2 19880324; DE 3678479 D1 19910508; JP H0662251 B2 19940817; JP S61235364 A 19861020; US 4697805 A 19871006

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