

Title (en)
Longitudinal folding device.

Title (de)
Längsfalzvorrichtung.

Title (fr)
Dispositif pour plier longitudinalement.

Publication
EP 0464505 B1 19941228 (DE)

Application
EP 91110209 A 19910621

Priority
DE 4020937 A 19900630

Abstract (en)
[origin: US5147276A] A longitudinal folding device for folding symmetrical and asymmetrical paper products has a folding blade and cooperating folding rollers whose positions with respect to each other can be varied. The folding blade or the folding roller pair can be shifted laterally with respect to a longitudinal fold line. In addition, the spacing between the folding rollers can be adjusted in accordance with paper thickness and number of sheets in the product to be folded.

IPC 1-7
B41F 13/58; **B65H 45/22**

IPC 8 full level
B65H 45/22 (2006.01); **B41F 13/58** (2006.01); **B65H 45/18** (2006.01)

CPC (source: EP US)
B65H 45/18 (2013.01 - EP US)

Citation (examination)
• DE 2815077 A1 19791018 - MASCHF AUGSBURG NUERNBERG AG
• DE 1231723 B 19670105 - BICKEL MASCHINEN UND APPBAU K
• SU 958285 A1 19820915 - KUDRYAVTSEV VITALIJ A, et al
• Soviet Inventions Illustrated, P, Q Sektionen, Woche 83/29, 31. August 1983, Derwent Publications Ltd. London, Q 36, Seite 14; SU A 958 283

Cited by
CN111409353A; CN114455382A; FR2707967A1

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

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US 5147276 A 19920915; DE 4020937 A1 19920116; DE 4020937 C2 19960711; DE 59104025 D1 19950209; EP 0464505 A1 19920108; EP 0464505 B1 19941228; JP H04226265 A 19920814

DOCDB simple family (application)
US 71900791 A 19910621; DE 4020937 A 19900630; DE 59104025 T 19910621; EP 91110209 A 19910621; JP 15802891 A 19910628