

Title (en)

Folding device in a high speed folding apparatus

Title (de)

Falzeinrichtung in einem Hochgeschwindigkeitsfalzapparat

Title (fr)

Dispositif de pliage dans une machine plieuse à grande vitesse

Publication

EP 0911291 A3 19991201 (DE)

Application

EP 98117878 A 19980921

Priority

US 95691297 A 19971023

Abstract (en)

[origin: EP0911291A2] Individual signatures are selectively manipulated by retardation mechanism (250) to form group. Folding knife (10) and folding mechanism (240) below it are positioned downstream to produce a longitudinal fold in signatures (400) of at least one group. The knife moves from a first position to a second in which it forces the signatures into the folding mechanism.

IPC 1-7

B65H 45/22; **B65H 45/18**; **B65H 29/68**; **B65H 39/10**

IPC 8 full level

B65H 29/68 (2006.01); **B65H 39/10** (2006.01); **B65H 45/18** (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP US)

B65H 29/68 (2013.01 - EP US); **B65H 39/10** (2013.01 - EP US); **B65H 45/18** (2013.01 - EP US); **B65H 45/22** (2013.01 - EP US)

Citation (search report)

- [X] US 4531722 A 19850730 - WOERNER MICHAEL [DE]
- [X] US 4720091 A 19880119 - KOBLER INGO [DE]
- [A] EP 0533150 A1 19930324 - METEOR SIEGEN APPARAT SCHMECK [DE]

Cited by

CH701619A1; WO2011014969A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0911291 A2 19990428; **EP 0911291 A3 19991201**; **EP 0911291 B1 20091125**; DE 59814413 D1 20100107; EP 2159178 A1 20100303; JP H11193177 A 19990721; US 6551228 B1 20030422

DOCDB simple family (application)

EP 98117878 A 19980921; DE 59814413 T 19980921; EP 09176788 A 19980921; JP 30260898 A 19981023; US 95691297 A 19971023