

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 B1 20091125 (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 8 full level

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

Cited by

CH701619A1; WO2011014969A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL

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