

Title (en)

Folding apparatus with a former and a cross-cutting device

Title (de)

Falzapparat mit einem Falztrichter und einer Querschneidvorrichtung

Title (fr)

Machine de pliage avec un entonnoir et un dispositif de coupe transversale

Publication

EP 1207043 A3 20060111 (DE)

Application

EP 01125440 A 20011102

Priority

US 71341400 A 20001115

Abstract (en)

[origin: EP1207043A2] The folding apparatus has a hopper (8) for the longitudinal folding of the web (6) of material (paper). A first cross-cutting device (20) cuts the web transversely into sectors. A nick opening device (12) between the two sides of the folded web and a second cross-cutting device (10), cutting the material in sectors into nicks.

IPC 8 full level

B41F 13/54 (2006.01); **B65H 5/30** (2006.01); **B65H 35/06** (2006.01); **B65H 35/08** (2006.01); **B65H 39/115** (2006.01); **B65H 45/28** (2006.01); **B65H 47/00** (2006.01)

CPC (source: EP US)

B65H 5/30 (2013.01 - EP US); **B65H 39/115** (2013.01 - EP US); **B65H 45/28** (2013.01 - EP US)

Citation (search report)

- [A] DE 19725609 A1 19981224 - ROLAND MAN DRUCKMASCH [DE]
- [A] EP 0317499 A1 19890524 - FUJI SEAL IND CO LTD [JP]
- [A] GB 2077235 A 19811216 - SPENGLER WALTER
- [A] US 2931646 A 19600405 - LEONARD DAVIS

Cited by

WO2010108870A2; WO2010108870A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1207043 A2 20020522; **EP 1207043 A3 20060111**; **EP 1207043 B1 20080102**; DE 10153215 A1 20020529; DE 50113433 D1 20080214; JP 2002193547 A 20020710; JP 4068836 B2 20080326; US 6705982 B1 20040316

DOCDB simple family (application)

EP 01125440 A 20011102; DE 10153215 A 20011031; DE 50113433 T 20011102; JP 2001347945 A 20011113; US 71341400 A 20001115