

Title (en)

Device for the continuous folding of flat material

Title (de)

Vorrichtung zum fortlaufenden Falzen von flachem Material

Title (fr)

Dispositif pour plier en continu de matériau plat

Publication

**EP 1112952 A3 20030102 (DE)**

Application

**EP 00126451 A 20001207**

Priority

US 47381499 A 19991228

Abstract (en)

[origin: EP1112952A2] The folder for printed sheets (14) in motion comprises rotating blades (7, 8) which are inclined to each other to form a V-shaped gap. As the blades rotate they press against either side of the sheet to produce a central fold. Independent claims are included for: (a) a folding apparatus containing the folder; and (b) a rotary printing machine containing the folding apparatus.

IPC 1-7

**B65H 45/22**; **B65H 45/04**

IPC 8 full level

**B41F 13/58** (2006.01); **B41F 13/62** (2006.01); **B65H 45/04** (2006.01); **B65H 45/16** (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP US)

**B65H 45/04** (2013.01 - EP US); **B65H 45/22** (2013.01 - EP US)

Citation (search report)

- [X] US 2390120 A 19451204
- [X] US 4041849 A 19770816 - TSUKASAKI YASUHIRO
- [A] US 4056046 A 19771101 - HUGHES CHARLES C
- [A] US 890464 A 19080609 - STAUDE EDWIN G [US]
- [A] DE 9002694 U1 19900510

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1112952 A2 20010704**; **EP 1112952 A3 20030102**; **EP 1112952 B1 20040929**; AT E277858 T1 20041015; DE 10060752 A1 20010712; DE 10060752 B4 20120426; DE 50007985 D1 20041104; JP 2001220058 A 20010814; US 6468195 B1 20021022

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**EP 00126451 A 20001207**; AT 00126451 T 20001207; DE 10060752 A 20001207; DE 50007985 T 20001207; JP 2000400169 A 20001228; US 47381499 A 19991228