

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)

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 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