

Title (en)

Folding apparatus in a rotary press

Title (de)

Falzapparat in einer Rollenrotationsdruckmaschine

Title (fr)

Plieuse dans une machine rotative d'impression

Publication

EP 1362819 B1 20070725 (DE)

Application

EP 03008025 A 20030411

Priority

DE 10221794 A 20020515

Abstract (en)

[origin: EP1362819A2] The folder (1) in a web fed rotary press for the folding of signatures (2) has a cutting device (4) comprising a cutting knife (14) installed on a folding blade cylinder (8) and a rotating anvil element (16). A revolving band-form transporting element (12) is guided around the rotating anvil element, and during the cutting process of the signatures acts as a counter pressure element for the cutting knife. The transporting element is constructed as a belt guided in a slot formed on the anvil element, whereby the depth of the slot is slightly smaller than the thickness of the transporting element.

IPC 8 full level

B31B 50/16 (2017.01); **B41F 13/56** (2006.01); **B41F 13/62** (2006.01); **B41F 33/00** (2006.01); **B65H 35/04** (2006.01); **B65H 35/08** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)

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EP 1362819 A2 20031119; EP 1362819 A3 20050126; EP 1362819 B1 20070725; CN 100402284 C 20080716; CN 1457982 A 20031126; DE 10221794 A1 20031127; DE 50307749 D1 20070906; HK 1072745 A1 20050909; JP 2003341929 A 20031203; JP 4838487 B2 20111214; US 2004058793 A1 20040325; US 2007270297 A1 20071122; US 7329219 B2 20080212

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