

Title (en)

Apparatus for the removal of sheets, the start of a web or a web from a folding apparatus.

Title (de)

Vorrichtung zum Ausschleusen von Signaturen oder eines Anfanges einer Bahn oder eines Bahnstranges aus einem Falzapparat

Title (fr)

Dispositif pour l'évacuation de signatures, d'un débût d'une bande ou d'une bande d'un appareil de pliage

Publication

**EP 1486443 A1 20041215 (DE)**

Application

**EP 04102367 A 20010406**

Priority

- DE 10018770 A 20000415
- EP 01931422 A 20010406

Abstract (en)

The nick expulsion device has points (39) of a transporting device (36) for one cylinder (4 or 11) of the folding apparatus (2, 4, 11). A disposal device (28, 56, 62, 63) with a chopping unit is provided to serve the points and the transporting device as a whole. The points have a nick detection and transporting device consisting of endless belt systems (46, 47).

Abstract (de)

Bei eine Vorrichtungen zum Ausschleusen von Signaturen oder dergleichen aus einem Falzapparat ist dem Falzapparat eine Zerkleinerungseinrichtung zugeordnet.

IPC 1-7

**B65H 45/16**; **B65H 29/62**

IPC 8 full level

**B65H 20/06** (2006.01); **B65H 29/00** (2006.01); **B65H 29/56** (2006.01); **B65H 29/62** (2006.01); **B65H 45/16** (2006.01)

CPC (source: EP US)

**B65H 29/56** (2013.01 - EP US); **B65H 29/62** (2013.01 - EP US); **B65H 45/162** (2013.01 - EP US); **B65H 2301/52** (2013.01 - EP US); **Y10T 83/2192** (2015.04 - EP US); **Y10T 83/2198** (2015.04 - EP US); **Y10T 83/4838** (2015.04 - EP US)

Citation (search report)

- [DA] DE 4301093 A1 19930722 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] US 4166030 A 19790828 - LEWIS JOHN B [GB], et al

Cited by

US8921593B2; US8975437B2

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)

**WO 0179099 A2 20011025**; **WO 0179099 A3 20020411**; **WO 0179099 B1 20020718**; AT E299122 T1 20050715; AT E388920 T1 20080315; AU 5820601 A 20011030; DE 10018770 C1 20011031; DE 50106693 D1 20050811; DE 50113740 D1 20080424; EP 1274638 A2 20030115; EP 1274638 B1 20050706; EP 1486443 A1 20041215; EP 1486443 B1 20080312; JP 2003531082 A 20031021; JP 3908035 B2 20070425; US 2003106405 A1 20030612; US 6913567 B2 20050705

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