

Title (en)

Controllable chambered doctor blade

Title (de)

Steuerbare Rakelmesser

Title (fr)

Chambre à racles pouvant être commandée

Publication

**EP 1997633 A3 20120627 (DE)**

Application

**EP 08009234 A 20080520**

Priority

DE 102007025166 A 20070529

Abstract (en)

[origin: EP1997633A2] The chamber (2) has a doctor blade cutter fastened to a working doctor blade (3b) and a closing doctor blade (3a). An opening (30) is formed between edges of the doctor blade cutter. Ink is transferred from the chamber to an ink transfer roller (1) of a printing machine. A control drive of the cutter is arranged to move the closing blade from a position in which the closing blade contacts a surface (1b) of the ink transfer roller, into a position in which the blade does not contact the surface of the ink transfer roller. A gap is formed between the blade cutter and the ink transfer roller. An independent claim is also included for a method for operating a printing machine or a printing unit.

IPC 8 full level

**B41F 31/02** (2006.01)

CPC (source: EP US)

**B41F 31/027** (2013.01 - EP US)

Citation (search report)

- [X] DE 102005050735 A1 20070426 - KOENIG & BAUER AG [DE]
- [X] EP 0788877 A1 19970813 - ROLAND MAN DRUCKMASCH [DE]
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- [X] DE 4213660 A1 19931111 - KOENIG & BAUER AG [DE]
- [A] US 4085672 A 19780425 - GROSART JOHN
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- [A] GB 857110 A 19601229 - PAUL DORNBUSCH

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1997633 A2 20081203; EP 1997633 A3 20120627; EP 1997633 B1 20130109**; CN 101439612 A 20090527; DE 102007025166 A1 20090122; ES 2399676 T3 20130402; US 2008295718 A1 20081204; US 8006616 B2 20110830

DOCDB simple family (application)

**EP 08009234 A 20080520**; CN 200810188800 A 20080529; DE 102007025166 A 20070529; ES 08009234 T 20080520; US 12880708 A 20080529