

Title (en)
Device for trimming printed products

Title (de)
Einrichtung zum Beschneiden eines Druckproduktes

Title (fr)
Dispositif pour rogner des signatures

Publication
EP 1520664 B1 20070606 (DE)

Application
EP 03405709 A 20031002

Priority
EP 03405709 A 20031002

Abstract (en)
[origin: EP1520664A1] A drum assembly (1) cuts a printed product (2) as it feeds towards a fixed blade that operates in conjunction with an opposing blade (6) and cutting unit (6) operating around a circular cutting track around the drum (7). The blade (3) is almost transverse to the direction of rotation of the opposite blade (5) and has a cutting edge that follows a helical track. The cutting edge is fixed to a shaft (10) following the cylinder mantle.

IPC 8 full level
B26D 1/38 (2006.01); **B26D 7/18** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP US)
B26D 1/385 (2013.01 - EP US); **B26D 7/2614** (2013.01 - EP US); **B26D 7/2628** (2013.01 - EP US); **Y10T 83/9377** (2015.04 - EP US);
Y10T 83/9394 (2015.04 - EP US); **Y10T 83/9469** (2015.04 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1520664 A1 20050406; EP 1520664 B1 20070606; AT E363970 T1 20070615; AU 2004216597 A1 20050421; AU 2011200975 A1 20110331;
CN 100522517 C 20090805; CN 101417438 A 20090429; CN 101417439 A 20090429; CN 101417440 A 20090429; CN 101417440 B 20110126;
CN 101417441 A 20090429; CN 1603071 A 20050406; DE 50307431 D1 20070719; DK 1520664 T3 20071008; ES 2288593 T3 20080116;
JP 2005111655 A 20050428; NO 20044184 L 20050404; NO 331852 B1 20120423; PT 1520664 E 20070813; SI 1520664 T1 20071231;
US 2005103178 A1 20050519; US 8783150 B2 20140722

DOCDB simple family (application)
EP 03405709 A 20031002; AT 03405709 T 20031002; AU 2004216597 A 20040929; AU 2011200975 A 20110304;
CN 200410085201 A 20040930; CN 200810174201 A 20040930; CN 200810174598 A 20040930; CN 200810174599 A 20040930;
CN 200810174600 A 20040930; DE 50307431 T 20031002; DK 03405709 T 20031002; ES 03405709 T 20031002; JP 2004261294 A 20040908;
NO 20044184 A 20041001; PT 03405709 T 20031002; SI 200330930 T 20031002; US 95436004 A 20041001