

Title (en)

Method and apparatus for cutting flat printed products along a predetermined line of cut

Title (de)

Verfahren und Einrichtung zum Beschneiden von flachen Druckprodukten längs einer vorgegebenen Schnittlinie

Title (fr)

Procédé et dispositif pour la coupe de produits imprimés plats le long d'une ligne de coupe prédéterminée

Publication

EP 0698451 A1 19960228 (DE)

Application

EP 95810490 A 19950731

Priority

CH 248994 A 19940812

Abstract (en)

The cutting process is carried out by two knives of a cutting device (4,4',5) opposite each other, moving continuously along feed direction parallel to their plane one behind the other. The two knives are moved in a plane basically perpendicular to the plane of the print product (2) in cutting grip with each other. The device used includes a feed device (3) by which the print product is moved as described. The print product can be guided through the knives. It also includes a drive device for at least one of the knives, which enables the knives to move in the manner described.

Abstract (de)

Zum Beschneiden von Druckprodukten (2) an der Kopf-, Fuss- und Frontseite entlang einer vorgesehenen Schnittlinie, die längs einer zu ihrer Ebene parallelen Förderrichtung kontinuierlich hintereinander gefördert und zwischen zwei einander gegenüberliegenden Messern (14, 15; 14', 15'; 50, 51) hindurchgeführt werden, sieht das Verfahren vor, dass die beiden Messer (14, 15; 14', 15'; 50, 51) einer Schneidvorrichtung (4, 4', 5) in einer zur Ebene der Druckprodukte (2) im wesentlichen senkrechten Richtung miteinander in Schneideingriff bewegen werden. <IMAGE>

IPC 1-7

B26D 1/60; B26D 11/00; B26D 5/14; B26D 7/06

IPC 8 full level

B26D 1/10 (2006.01); **B26D 1/60** (2006.01); **B26D 5/14** (2006.01); **B26D 7/06** (2006.01); **B26D 11/00** (2006.01)

CPC (source: EP US)

B26D 1/60 (2013.01 - EP US); **B26D 5/14** (2013.01 - EP US); **B26D 7/0675** (2013.01 - EP US); **B26D 11/00** (2013.01 - EP US);
B26D 2007/0056 (2013.01 - EP US); **B26D 2007/0081** (2013.01 - EP US); **Y10S 83/934** (2013.01 - EP US); **Y10T 83/0515** (2015.04 - EP US);
Y10T 83/4696 (2015.04 - EP US); **Y10T 83/4705** (2015.04 - EP US); **Y10T 83/648** (2015.04 - EP US)

Citation (applicant)

CH 650967 A5 19850830 - GRAPHA HOLDING AG

Citation (search report)

- [XAY] DE 1206851 B 19651216 - HEMMETS JOURNAL AKTIEBOLAG
- [Y] US 2208350 A 19400716 - ADOLPHE UNGAR GUSTAVE
- [YA] CH 340479 A 19590831 - MUELLER HANS [CH]
- [X] US 3122041 A 19640225 - OTHO KILE, et al
- [X] DE 1930903 A1 19700102 - HARRIS INTERTYPE CORP
- [X] DE 1258826 B 19680118 - LEIPZIGER BUCHBINDEREIMASCHINE
- [XA] DE 2430043 A1 19750123 - POLYGRAPH LEIPZIG
- [A] US 1359076 A 19201116 - LANGSTON SAMUEL M
- [A] GB 813436 A 19590513 - ST REGIS PAPER CO
- [A] GB 2078593 A 19820113 - RENGO CO LTD
- [A] US 1658466 A 19280207 - SHELDON EDWARD P
- [A] GB 738039 A 19551005 - PINNACLE PRESS PTY LTD
- [A] DE 1105384 B 19610427 - MUELLER HANS
- [A] DE 1266275 B 19680418 - GUENTHER SCHICK DIPL ING

Cited by

EP2218585A1; EP2130654A1; EP1004411A1; EP1491303A1; EP2345517A1; DE10039854C2; EP1182052A3; US6796209B2; US6615699B2;
WO2007045919A3; US8752463B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0698451 A1 19960228; EP 0698451 B1 19990616; CH 689449 A5 19990430; DE 59506208 D1 19990722; JP 3977447 B2 20070919;
JP H08187693 A 19960723; US 6152002 A 20001128

DOCDB simple family (application)

EP 95810490 A 19950731; CH 248994 A 19940812; DE 59506208 T 19950731; JP 20591395 A 19950811; US 51437795 A 19950811