

Title (en)

PRINT GAP ADJUSTMENT DEVICE FOR THICK RECORD CARRIERS IN AN OFFICE MACHINE

Publication

**EP 0281499 B1 19920729 (DE)**

Application

**EP 88730014 A 19880120**

Priority

DE 3706573 A 19870228

Abstract (en)

[origin: EP0281499A2] In a print gap adjusting device for a print head (9) on a thick record carrier (10) in an office machine and especially in a savings book or voucher printer, the print head (9) can be moved backwards and forwards on a print head carriage (8) parallel to a platen backing (13) between end positions (8a, 8b) and is adjustable vertically to the platen backing (13) against a spring force (leg spring 14). In addition, at least one roll (15) is rotatably mounted on the front face of the print head (9a) and rests upon a flexible belt (16) extending parallel to the platen backing (13), the flexible belt (16) lying firmly on the thick record carrier (10) during the printing process. <??>In order to be able to process a record carrier several millimetres thick in a trouble-free manner with respect to insertion, withdrawal and line feed, it is proposed that the flexible belt (16) is secured under spring tension so as to be able to move longitudinally, that the print head carriage (8) is liftable in sections (30, 31) from its end positions (8a, 8b) and that cutouts (32,33) are arranged in the flexible belt (16), into which cutouts the rotatable roll (15) penetrates. <IMAGE>

IPC 1-7

**B41J 25/304**

IPC 8 full level

**B41J 7/92** (2006.01); **B41J 25/304** (2006.01); **B41J 25/308** (2006.01)

CPC (source: EP KR US)

**B41J 25/304** (2013.01 - KR); **B41J 25/308** (2013.01 - EP KR US)

Cited by

US5961224A; FR2720331A1; CN106427198A; FR2720332A1; EP0530777A3; US5808647A; WO9733756A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0281499 A2 19880907; EP 0281499 A3 19900228; EP 0281499 B1 19920729**; AT E78757 T1 19920815; CA 1288282 C 19910903; DE 3706573 A1 19880908; DE 3706573 C2 19890209; DE 3873119 D1 19920903; ES 2034353 T3 19930401; JP S63230380 A 19880926; KR 880009796 A 19881005; KR 950000256 B1 19950112; US 4893949 A 19900116; YU 37888 A 19901031

DOCDB simple family (application)

**EP 88730014 A 19880120**; AT 88730014 T 19880120; CA 559896 A 19880226; DE 3706573 A 19870228; DE 3873119 T 19880120; ES 88730014 T 19880120; JP 4403688 A 19880226; KR 880001826 A 19880220; US 16191688 A 19880229; YU 37888 A 19880226