

Title (en)

ADJUSTING DEVICE FOR DIMENSIONALLY ADJUSTING A GAP BETWEEN A PLATEN AND A PRINT HEAD ASSEMBLY AND PRINTER USING THE ADJUSTING DEVICE

Publication

**EP 0143467 A3 19850710 (EN)**

Application

**EP 84114467 A 19841129**

Priority

JP 22511083 A 19831129

Abstract (en)

[origin: EP0143467A2] An adjusting device for an impact printer includes a printing mechanism (16) with printing heads (15) movably mounted on parallel guide shafts (12, 13). A pair of separated side frames (17) are pivotally coupled to one of the guide shafts (12) and are connected through a cam (18) to the other guide shaft (13) so that the side frames (17) are pivotal about the one guide shaft (12) in response to rotation of the other guide shaft (13). The platen (20), which is journally mounted to the side frames (17), thus moves towards or away from the printing heads (15) as the side frames (17) are pivoted thereby dimensionally adjusting the gap (d) between the platen (20) and the printing heads (15) to compensate for varying thicknesses of printing sheets on the platen (20), for example. The adjusting device is suited for use in a printer in which printing heads (15) are hammered to print upon a printing sheet fed along a cylindrical surface of a platen (20).

IPC 1-7

**B41J 11/20**

IPC 8 full level

**B41J 11/20** (2006.01)

CPC (source: EP)

**B41J 11/20** (2013.01)

Citation (search report)

- US 4341477 A 19820727 - THEILEN ROLF
- US 3666071 A 19720530 - PURR HORST
- DE 2500418 A1 19750918 - ZENTRONIK VEB K
- [Y] PATENTS ABSTRACTS OF JAPAN, Vol.7, No. 47, (M-196)(1192), February 24, 1983.
- [Y] PATENTS ABSTRACTS OF JAPAN, Vol.5, No. 61, (M-65)(733), April 24, 1981.
- [Y] PATENTS ABSTRACTS OF JAPAN, Vol.7, No. 47, (M-196)(1192), February 24, 1983.
- [Y] PATENTS ABSTRACTS OF JAPAN, Vol.5, No. 61, (M-65)(733), April 24, 1981.

Cited by

AU613959B2; EP0761964A1; US6450710B1; CN1106950C; EP0891870A3; US6171001B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0143467 A2 19850605; EP 0143467 A3 19850710; EP 0143467 B1 19880831**; DE 3473746 D1 19881006; JP H0214197 B2 19900406; JP S60116485 A 19850622

DOCDB simple family (application)

**EP 84114467 A 19841129**; DE 3473746 T 19841129; JP 22511083 A 19831129