

Title (en)

IMPROVEMENTS IN OR RELATING TO COMPUTER MATRIX PRINTERS

Publication

**EP 0055614 A3 19830413 (EN)**

Application

**EP 81306125 A 19811224**

Priority

GB 8041412 A 19801229

Abstract (en)

[origin: EP0055614A2] A computer matrix printer has a ribbon carrier (26) pivotally supporting a body (12) of a printing head (14). Solenoid arrangements (32, 34) connect between the body (12) and the carrier (26) and are controlled by electronic means including a microprocessor, whereby the printing head (14) can be moved in opposite directions from a central position. Movement of the printing head (14) is therefore relative to the ribbon (16) held by the carrier (26) and enables printing in any one of three parallel discrete areas on the ribbon (16) holding different coloured inks. The microprocessor can also enable printing in further colours by over-printing one of the discrete colours with another, the over-printing being carried out when the first ink applied to the print-out (18) is still wet. Thus a plurality of colours can be provided with no registration problems and this is particularly suitable for a colour display on a video display unit. Further discrete colours may be included on the ribbon with suitable modification of the arrangement controlling movement of the printing head (14).

IPC 1-7

**B41J 35/18; B41J 3/10**

IPC 8 full level

**B41J 35/14** (2006.01)

CPC (source: EP)

**B41J 35/14** (2013.01)

Citation (search report)

- DE 2820266 A1 19781130 - IBM
- DE 2430407 B2 19780223
- DE 2651299 A1 19770526 - CENTRONICS DATA COMPUTER

Cited by

US4983057A; FR2553340A1; US4643601A; DE19822423A1; DE19822423C2

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