

Title (en)

Printing head and printing device, and word processor incorporating such a device.

Title (de)

Druckkopf und Druckwerk und Wortbearbeitungsmaschine mit einem solchen Druckkopf.

Title (fr)

Tête d'impression et imprimante, processeur de texte comportant une telle imprimante.

Publication

EP 0019453 A1 19801126 (EN)

Application

EP 80301569 A 19800513

Priority

- GB 7917467 A 19790518
- GB 8001876 A 19800121

Abstract (en)

A printing device comprises a platen (11) for supporting items on which text is to be printed, a printing head for printing text, the printing head comprising an array of cells (19) each containing an interchangeable type for printing a respective character, the types being slidable relative to the cells from a rest position to an impression position, the arrangement being such that return of each type towards its rest position from its impression position is effected by its resiliently rebounding from the platen (11), a trolley (14) carrying the printing head and movable longitudinally relative to the platen between a number of print positions, a print hammer arrangement (20) for propelling the types to their impression positions, a linear motor (13) for causing said relative movement of the platen and trolley and circuitry for controlling the operation of the impelling means and the drive means. The position of the trolley may be under closed loop control. The printing head may be movably mounted on the trolley for movement in the horizontal and/or vertical directions, optionally by one or more linear motors and optionally with closed loop positional control. Various forms of the printing head, linear motors and print hammers are disclosed.

IPC 1-7

B41J 1/16; **B41J 3/00**

IPC 8 full level

B41J 1/16 (2006.01); **B41J 3/01** (2006.01)

CPC (source: EP)

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Citation (search report)

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