

Title (en)

Wire dot print head.

Title (de)

Punktnadeldruckkopf.

Title (fr)

Tête d'impression par points à aiguilles.

Publication

EP 0474254 A1 19920311 (EN)

Application

EP 91115131 A 19910906

Priority

JP 9394390 U 19900906

Abstract (en)

A wire dot print head has end guides (11) for guiding plural print wires (10) so that the print wires are placed in a desired arrangement at a free end of the print head (FIG. 2). By these end guides (11a-11x), the plural print wires are so guided that any plural ones of the print wires are prevented from alignment on the same line in a direction (Y) perpendicular to an advancing direction (X) of the print head. The timings of actuation of the individual print wires can therefore be varied, thereby making it possible to reduce the noise which occurs when the print wires strike a platen (15). It is also possible to reduce magnetic interference between print elements so that the drive current for each print element can be decreased to reduce the generation of heat. <IMAGE>

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Citation (search report)

- PATENT ABSTRACTS OF JAPAN, vol. 7, no. 189 (M-237) 18 August 1983; & JP-A-58 090 965 (MASASHI) 30 May 1983
- IBM TECHNICAL DISCLOSURE BULLETIN. vol. 31, no. 3, August 1988, NEW YORK US, pages 351 - 354; 'Dot element arrangement for dot matrix printer'
- PATENT ABSTRACTS OF JAPAN, vol. 13, no. 593 (M-914) 27 December 1989; & JP-A-1 249 459 (MAKOTO) 4 October 1989

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EP0639464A3; US5975776A; WO9639299A1

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