

Title (en)
DOT MATRIX PRINTER

Publication
EP 0082332 A3 19840418 (EN)

Application
EP 82110818 A 19821123

Priority
US 33309081 A 19811221

Abstract (en)
[origin: EP0082332A2] A dot matrix printer is described in which the dots are formed by impact at an intersection between an oblique raised ridge (2) on a platen (1) and a vertical ridge font member (4) borne by a moving belt (3). Moving belt (3) bears a plurality of font members each mounted on a flexible finger (13) which can be deflected out of the path of the moving belt by impact from a printer hammer mechanism (6). The platen (1) and the moving belt (3) are arranged parallelly to and along a printing line. The platen may have a plurality of raised knife-edge ridges on its surface. By appropriate timing of hammer actuations, individual font members (4) may be caused to impact against the ridges on the platen. If the paper and a ribbon are interposed between the font members (4) and a knife-edge ridges (2) on the platen, a mark in the shape of the intersectional area between the font and the knife-edge ridge can be made.

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B41J 3/12; **B41J 1/20**

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CPC (source: EP)
B41J 1/20 (2013.01); **B41J 2/31** (2013.01)

Citation (search report)

- [A] FR 2276937 A1 19760130 - SIEMENS AG [DE]
- [AP] EP 0043434 A1 19820113 - IBM [US]
- [AD] US 4068583 A 19780117 - SATO FUMIO, et al
- [A] EP 0036970 A2 19811007 - IBM [US]
- [A] US 3810195 A 19740507 - KILROY H, et al

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