Title (en)

WIRE PRINTER WITH A CONVENIENT CONSTRUCTION, AND ITS METHOD OF MANUFACTURE

Publication

EP 0081809 A3 19840425 (DE)

Application

EP 82111385 A 19821208

Priority

DE 3149300 A 19811212

Abstract (en)

[origin: US4521122A] A needle printing device having a plurality of printing needles mounted in electromagnets with a permanent magnet operating through a yoke to retain a spring upon which the needles are mounted against the core of the electromagnet, the spring having an armature thereon which is released when the electromagnet is energized to permit the needles to be driven into printing position by operation of the spring. The particular features of the invention involve a construction wherein the yoke means is formed in two parts, with the first part having a surface which is formed in a common plane with a surface of the core of the electromagnet, the second part of the yoke having a surface which lies in a common plane with a surface of the armature when the electromagnetic is de-energized with the armature held against the core of the electromagnet.

IPC 1-7

B41J 7/84; B41J 3/12

IPC 8 full level

B41J 2/26 (2006.01); **B41J 2/28** (2006.01)

CPC (source: EP US)

B41J 2/26 (2013.01 - EP US); **B41J 2/28** (2013.01 - EP US)

Citation (search report)

- [AD] US 4225250 A 19800930 - WAGNER RICHARD E, et al
- [A] FR 2469288 A1 19810522 - IMPRESSION ENREGISTRE RESULTAT [FR]
- [AP] PATENTS ABSTRACTS OF JAPAN, Band 6, Nr. 76 (M-128)[954], 13. Mai 1982 & JP - A - 57 15 980 (NIPPON DENKI K.K.) 27.01.1982

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EP0189792A3; EP0146751A1; US4750259A

Designated contracting state (EPC)

AT CH DE FR GB IT LI

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EP 0081809 A2 19830622; **EP 0081809 A3 19840425**; **EP 0081809 B1 19851009**; AT E15990 T1 19851015; DE 3149300 A1 19830623; DE 3266871 D1 19851114; US 4521122 A 19850604

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