Title (en)

MOUNTING ARRANGEMENT FOR THE OSCILLATING FRAME IN A MATRIX LINE PRINTER

Publication

EP 0098317 B1 19860924 (DE)

Application

EP 82105952 A 19820703

Priority

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Abstract (en)

[origin: EP0098317A1] 1. A matrix line printer featuring an oscillating frame (3) ahead of the roller (1) with its bearing face for the record carrier (2) and capable of forward and backward motion parallel thereto, the print elements being arranged thereon in a single row, and oscillation being enabled by means of leaf springs at either end, a link (9), transmitting the oscillation, being carried in hinged mountings at least at the oscillating frame (3) and its two end sectors (3a and 3b) being provided with paired inner and outer leaf springs jointly movable in the horizontal in such manner that the selfsame frame (3) can move in the horizontal plans of the roller (1), this assembly being characterized by : each leaf spring pair consisting of exactly parallel leaf springs (5a, 5b and/or 6a, 6b) whereof the outer ones (5a, 6b) are fixed by their roller-side ends at the printer frame (4) whereas their free ends are connected in fixed mounting via appropriate spacers (14, 15) to the free ends of the inner leaf springs (5b, 6a), the roller - side ends of these inner leaf springs being in turn connected with the end sectors (3a, 3b) of the oscillating frame (3) which can thus move in either direction between the printer frame bearing points (4a, 4c) and the outer leaf springs (5a, 6b) whilst the free ends of the inner leaf springs (5b, 6a) are rigidly connected to each other by a bar (17).

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IPC 8 full level

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