

Title (en)

WIRE MATRIX PRINT HEAD OF THE FLAP ARMATURE TYPE

Publication

EP 0357860 B1 19930113 (DE)

Application

EP 88730194 A 19880831

Priority

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Abstract (en)

[origin: EP0357860A1] In a wire matrix print head of the flap armature type, each printing needle (1) is assigned a flap armature (3), a magnet yoke (10) is located opposite each flap armature (3), one of the two magnet yoke legs (10a, 10b) being surrounded by an electromagnetic spool (2), the flap armature (3) is mounted between the magnet yoke (10) and a support bearing (14) located opposite for swivel positions which correspond to the retracted and front position of the printing needle (1), and the flap armature (3) or the printing needle (1) each being held in the retracted position by means of a leg spring (16), a first spring leg (16a) being supported against a print head or on the flap armature (3) and a second spring leg (16b) being supported on a print head housing side (4). <??>In order to provide the flap armature (3) or the printing needle (1) with a more advantageous guiding by an improved design of the leg spring (16) in each case, it is proposed that all the leg springs (16) be connected to each other and form an integral spring cage (17). <IMAGE>

IPC 1-7

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IPC 8 full level

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