

Title (en)

TRACTION ELEMENT STRETCHING DEVICE FOR PRINTERS, PARTICULARLY FOR MATRIX PRINTERS

Publication

**EP 0311731 B1 19910424 (DE)**

Application

**EP 87730130 A 19871016**

Priority

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Abstract (en)

[origin: EP0311731A1] Device for tensioning a traction element (1) in a printer, especially in a matrix printer, for a backwards and forwards movement of a component (5) presupposes a first, driven deflection roller (11) mounted fixedly on the frame so as to be able to rotate and a second deflection roller (12). In addition, a wedge-shaped area (15) is present which, with increasing inclination (16), is displaceable parallel to a frame surface (17) running vertically to the traction direction (18) and is subject to the force of a tension spring (22) so that the adjustable, second deflection roller (12) serves as a means of increasing the traction force in the traction element (1). In order to create the most rigid system possible which also takes account of the production elongation of a traction element (1) - traction element - it is proposed that the second deflection roller (12) with its roller bearings (24) is mounted, so as to be able to rotate, in a lever (13) constructed as a covering housing (23), that in the housing (23) an adjustable cam (25) is mounted adjacent to the wedge-shaped area (15) so as to be able to rotate and that the cam position can be fixed. <IMAGE>

IPC 1-7

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IPC 8 full level

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