

Title (en)

Printer and printhead mounting.

Title (de)

Druckmaschine und Druckkopfbefestigung dafür.

Title (fr)

Appareil d'impression et montage de la tête d'impression.

Publication

**EP 0645256 A3 19951213 (DE)**

Application

**EP 94113739 A 19940902**

Priority

DE 4332602 A 19930924

Abstract (en)

[origin: US5547293A] A label printer for printing labels can typically have a pressure roller and a corresponding print head, which print head can have a support, a spring base plate, and a spring disposed between the support and the spring base plate to bias the print head into engagement with the pressure roller. The spring base plate can be rotationally mounted on a bearing shaft which is preferably parallel to the pressure roller, and the free end of the bearing shaft can be flattened over a portion of its length to form two parallel key surfaces for engaging with a locking element that adjusts the biasing force of the spring by engaging and positioning the spring base plate. The locking element has a keyhole-like opening, with a circular portion having a diameter which is approximately equal to the diameter of the free end of the bearing shaft, and a narrow portion having a width approximately equal to the distance between the key surfaces of the bearing shaft to thereby non-rotationally fix the locking element to the bearing shaft.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

**B41J 25/312** (2013.01 - EP US)

Citation (search report)

- [DA] DE 4139891 A1 19930609
- [A] US 4883375 A 19891128 - KARUBE YOSHIYUKI [JP], et al
- [A] EP 0463595 A2 19920102 - SEIKO EPSON CORP [JP]
- [A] US 4300844 A 19811117 - KEIL RONALD W

Cited by

DE19517535A1

Designated contracting state (EPC)

DE DK ES FR GB IT NL SE

DOCDB simple family (publication)

**US 5547293 A 19960820**; DE 4332602 A1 19950330; DE 4332602 C2 19981224; EP 0645256 A2 19950329; EP 0645256 A3 19951213; JP H07232465 A 19950905

DOCDB simple family (application)

**US 31061594 A 19940922**; DE 4332602 A 19930924; EP 94113739 A 19940902; JP 22946294 A 19940926