

Title (en)

Adjusting device for dimensionally adjusting a gap between a platen and a print head assembly and printer using the adjusting device.

Title (de)

Einstellvorrichtung zur Druckspalteinstellung und damit versehener Drucker.

Title (fr)

Dispositif de réglage pour régler l'écartement entre la tête d'impression et le rouleau d'impression et imprimante utilisant ce dispositif de réglage.

Publication

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Application

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Priority

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Abstract (en)

An adjusting device for an impact printer includes a printing mechanism (16) with printing heads (15) movably mounted on parallel guide shafts (12, 13). A pair of separated side frames (17) are pivotally coupled to one of the guide shafts (12) and are connected through a cam (18) to the other guide shaft (13) so that the side frames (17) are pivotal about the one guide shaft (12) in response to rotation of the other guide shaft (13). The platen (20), which is journally mounted to the side frames (17), thus moves towards or away from the printing heads (15) as the side frames (17) are pivoted thereby dimensionally adjusting the gap (d) between the platen (20) and the printing heads (15) to compensate for varying thicknesses of printing sheets on the platen (20), for example. The adjusting device is suited for use in a printer in which printing heads (15) are hammered to print upon a printing sheet fed along a cylindrical surface of a platen (20).

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