

Title (en)

Method for adjusting and maintaining the distance between a printing surface and a printhead and printing device for carrying out the method

Title (de)

Verfahren zum Einstellen und Einhalten des Abstandes zwischen einer Druckoberfläche und einem Druckkopf und Druckvorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé pour ajuster et maintenir la distance entre une surface imprimante et une tête d'impression et dispositif pour la mise en oeuvre de ce procédé

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Application

EP 98115261 A 19980813

Priority

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Abstract (en)

[origin: DE19742147A1] The method involves adjusting and keeping a distance between the surface of a print carrier (14) to be imprinted, which borders on a print support (10), and a print head (24) movable in parallel to it. The print head is connected with a switch (26) which contacts the print support or the print carrier. Changes in the distance between the print carrier surface and the print support are determined during an idle pass of the print head over the inserted print carrier, according to their position within the path of the print head and to their size. The velocity of the print head is controlled during a printing pass in dependence on the position and size of the determined distance changes, in such way, that a maximum velocity is reached without distortion of the printed image.

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