

Title (en)

METHOD FOR ACTUATING AN INKJET PRINTING DEVICE

Title (de)

VERFAHREN ZUM ANSTEUERN EINER INKJET-DRUCKEINRICHTUNG

Title (fr)

PROCÉDÉ DE COMMANDE D'UN DISPOSITIF D'IMPRESSION À JET D'ENCRE

Publication

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Application

EP 08784650 A 20080708

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Abstract (en)

[origin: US2010208281A1] The invention is directed to a method for controlling an inkjet printing device working according to the continuous inkjet principle so that a print image to be printed by the inkjet printing device can be positioned on a substrate. The inkjet printing device supplies ink droplets at a determined droplet generating frequency, and the position of the substrate to be imprinted relative to the inkjet printing device is monitored by means of a sensor, in particular by means of an encoder, in order to generate an actuating signal for the inkjet printing device. According to the invention, the absolute position of the substrate is monitored by means of the sensor, and when the sensor detects the start of a substrate zone to be imprinted with a relatively high printing quality, the actuating signal of the inkjet printing device for the subsequent substrate zone to be imprinted with the relatively high printing quality is coupled with the droplet generating frequency, and when the sensor detects the end of a substrate zone to be imprinted with the relatively high printing quality, the actuating signal of the inkjet printing device for the subsequent substrate zone which is not to be imprinted or is to be imprinted with a relatively low printing quality is coupled with the sensor signal.

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