

Title (en)

A method of printing in a device for direct electrostatic printing method comprising a printhead structure with deflection electrodes and a means for electrically controlling said deflection electrodes

Title (de)

Druckverfahren für eines Gerät zum direkten elektrostatischen Drucken, das eine Druckkopfanordnung erhältet mit Ablenkelektroden und Mitteln zur elektrischen Steuerung dieser Ablenkelektroden

Title (fr)

Méthode d'impression dans un appareil d'impression électrostatique directe ayant une structure de tête d'impression avec électrodes de déflexion et moyens de contrôle électrique pour cetttes électrodes de déflexion

Publication

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Application

EP 99200480 A 19990218

Priority

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- EP 98201965 A 19980609

Abstract (en)

A device for direct electrostatic printing with an addressability AD in dots per cm, incorporating a printhead structure comprising a sheet of insulating material (106c) having a first and a second face, a number of printing elements (116), forming at least one row on said substrate. Each of said printing elements includes at least one printing aperture (107) through said insulating substrate. The printhead structure further comprises at least two sets of deflection electrodes and a voltage source coupled to the deflection electrodes for applying to each set of deflection electrodes a varying voltage with a frequency, f, correlated to the line time of the printing LT, so that $f \times LT > 1.00$. Preferably the sets of deflection electrodes arranged so as to have at least two deflection electrodes from different sets near two adjacent printing elements. <IMAGE>

IPC 1-7

B41J 2/415

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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Citation (search report)

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