

Title (en)

A device for direct electrostatic printing with an edge electrode and an AC-field on the surface of the toner delivery means

Title (de)

Direkte elektrostatische Druckvorrichtung mit einer Kantenelektrode und einem Wechselstromfeld auf dem Tonerzufuhrmitteloberflach

Title (fr)

Appareil d'impression électrostatique directe comprenant une électrode de bord et un champ de courant alternatif sur la surface des moyens d'alimentation en toner

Publication

**EP 0895867 A2 19990210 (EN)**

Application

**EP 98202302 A 19980708**

Priority

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- EP 97202443 A 19970807

Abstract (en)

A device for direct electrostatic printing is provided comprising means for creating a flow of charged toner particles from a means for delivering charged toner particles, having a surface bearing toner particles, to an image receiving substrate, applying a DC potential difference between the means for delivering charged toner particles and the image receiving substrate and a printhead structure having control electrodes, interposed in the flow of toner particles for image wise controlling the flow of toner particles, the printhead structure controlling the flow of toner particles only from one side, wherein means for applying an AC-field on the surface bearing toner particles are incorporated, AC-field having a frequency between 1.5 and 3 kHz. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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