

Title (en)

Method and apparatus for operating high speed ink jet printers.

Title (de)

Verfahren und Vorrichtung zum Betrieb von Hochgeschwindigkeits-Tintenstrahldruckern.

Title (fr)

Méthode et appareil pour la commande des imprimantes à jet d'encre à grande vitesse.

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Application

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Abstract (en)

A continuous multi-jet ink jet printer improves print quality in a high speed printer. The continuous multi-jet ink jet printer includes means for producing a rectangular array of ink drops, the array having columns corresponding to the consecutive drops in a single jet, and rows corresponding to drops simultaneously produced from all of the jets, where print drops and partially charged drops are printed on a print media and fully charged drops are deflected from the print media. Print quality is improved by selecting one or more print drops for printing and subjecting each of the one or more print drops to an equal amount of partial charging. <IMAGE>

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