Title (en)

A system and method for improving the edge quality of inkjet printouts

Title (de)

System und Verfahren zur Verbesserung der Randqualität für den Tintenstrahldruck

Title (fr)

Système et procédé d'amélioration de la qualité du bord d'image pour impression à jet d'encre

Publication

EP 1201449 A3 20030514 (EN)

Application

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Priority

US 70237900 A 20001031

Abstract (en)

[origin: EP1201449A2] This present invention is embodied in a printing system (100) for improving edge quality of ink drops produced by an inkjet printer (300). In general, the present invention can include an inkjet printhead assembly (116) that incorporates a preprogrammed correction scheme (212) for correcting systematic ink drop placement errors of the inkjet printhead (116). A general correction scheme (212) can be developed for a class of inkjet printhead assemblies during manufacturing of the class of inkjet printhead assemblies. The correction scheme (212) could include general corrections that cover general errors that exist for the entire class of inkjet printheads. Alternatively, individual correction schemes (212) can be developed during manufacturing of each inkjet printhead assembly (116) that covers specific errors that exists for each individual printhead. <IMAGE>

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B41J 2/04505 (2013.01); B41J 2/04573 (2013.01); B41J 2/0458 (2013.01); B41J 2202/17 (2013.01)

Citation (search report)

- [XY] EP 1029675 A2 20000823 - HEWLETT PACKARD CO [US]
- [Y] EP 0858049 A2 19980812 - HEWLETT PACKARD CO [US]
- [A] EP 1044816 A2 20001018 - CANON KK [JP]
- [A] US 5661507 A 19970826 - SPERRY ROBERT WILLIAM [US]

Cited by

US6842186B2; US6906736B2; WO03071780A1; US8335978B2

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