Title (en)

Method and apparatus for minimizing color hue shifts in bi-directional inkjet printing

Title (de)

Verfahren und Apparat zur Minimierung von Farbtonverschiebungen in bidirektionalem Tintenstrahldruck

Title (fr)

Méthode et appareil pour minimiser les écarts de teinte chromatique pour l'impression à jet d'encre bidirectionnelle

Publication

EP 1048471 A3 20010404 (EN)

Application

EP 00303081 A 20000412

Priority

US 30286099 A 19990430

Abstract (en)

[origin: EP1048471A2] An inkjet printer (100) utilizes a plurality of printheads (108) in a bi-directional, single-pass mode which deposits ink droplets (401) forming composite colors in the same sequence of droplet deposition regardless of whether the printheads (108) are moved right to left or left to right. Each printhead (108) has an axis of symmetry (720) with multiple pairs of rows of ink expulsion nozzles (210) disposed essentially parallel to each other. Each pair of nozzle rows expulses droplets of ink of a particular color and is symmetrically disposed about the axis of symmetry (720). <IMAGE>

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B41J 2/21; B41J 19/14

IPC 8 full level

B41J 2/21 (2006.01); **B41J 19/14** (2006.01)

CPC (source: EP)

B41J 2/2132 (2013.01); **B41J 19/142** (2013.01)

Citation (search report)

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- [X] US 4528576 A 19850709 - KOUMURA NOBORU [JP], et al
- [XY] PATENT ABSTRACTS OF JAPAN vol. 015, no. 186 (M - 1112) 14 May 1991 (1991-05-14)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03 31 March 1997 (1997-03-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 11 26 December 1995 (1995-12-26)

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