

Title (en)

Dot alignment in mixed resolution printer

Title (de)

Punktausrichtung für Drucker mit gemischter Auflösung

Title (fr)

Alignement de points pour imprimante à résolution mixte

Publication

EP 0730969 B1 19990512 (EN)

Application

EP 95308424 A 19951123

Priority

US 39940295 A 19950306

Abstract (en)

[origin: EP0730969A1] In the preferred form, a scanning carriage (20) in a color inkjet printer (10) houses a high resolution printhead (110) for black (or monochrome) printing and one or more lower resolution printheads (112) for color printing. The nozzle arrangements, paper feed increments, and ink drop firing frequency for the black printhead and color printhead(s) are selected to provide various alignments between the larger color ink dots (136) and the smaller black ink dots (132) to achieve maximum ink coverage with a minimum of ink or to achieve additional color shades. <IMAGE>

IPC 1-7

B41J 2/21; **B41J 2/505**

IPC 8 full level

B41J 3/54 (2006.01); **B41J 2/07** (2006.01); **B41J 2/205** (2006.01); **B41J 2/21** (2006.01); **B41J 2/24** (2006.01); **B41J 2/51** (2006.01)

CPC (source: EP)

B41J 2/2121 (2013.01); **B41J 2/2132** (2013.01); **B41J 2/51** (2013.01)

Cited by

EP0925924A3; EP1251009A1; EP0836946A3; US6582041B1; US7742206B2; US8027070B2; US8358441B2; US6682169B2

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0730969 A1 19960911; **EP 0730969 B1 19990512**; DE 69509627 D1 19990617; DE 69509627 T2 19990902; JP H08258291 A 19961008

DOCDB simple family (application)

EP 95308424 A 19951123; DE 69509627 T 19951123; JP 4932396 A 19960306