

Title (en)

Linear translation system dithering for improved image quality

Title (de)

Zitterung eines Linearführungssystems für verbesserte Bildqualität

Title (fr)

Tremblement d'un système de translation linéaire pour l'amélioration d'un image

Publication

EP 0993956 A3 20020102 (EN)

Application

EP 99202685 A 19990819

Priority

US 14412398 A 19980831

Abstract (en)

[origin: EP0993956A2] An image processing apparatus (10) for sheet thermal print media comprises a vacuum imaging drum (300) for holding thermal print media (32) and dye donor material (36) in registration on vacuum imaging drum (300). A printhead (500) moves along a line parallel to a longitudinal axis of vacuum imaging drum (300) by a linear motion control system (900) which is interrupted with a random delay as vacuum imaging drum (300) rotates. Printhead (500) receives information signals and produces radiation which is directed to dye donor material (36) which causes color to transfer from dye donor material (36) to thermal print media (32). <IMAGE>

IPC 1-7

B41J 19/20; B41J 2/325; B41J 2/45

IPC 8 full level

B41J 2/32 (2006.01); **B41J 11/42** (2006.01); **B41J 13/22** (2006.01); **B41J 19/20** (2006.01)

CPC (source: EP)

B41J 11/42 (2013.01); **B41J 13/226** (2013.01); **B41J 19/16** (2013.01); **B41J 19/202** (2013.01)

Citation (search report)

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- [Y] US 4920355 A 19900424 - KATERBERG JAMES A [US]
- [Y] US 5581290 A 19961203 - KUEHNLE MANFRED R [US]
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- [Y] PATENT ABSTRACTS OF JAPAN vol. 008, no. 043 (M - 279) 24 February 1984 (1984-02-24)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 016, no. 195 (M - 1246) 12 May 1992 (1992-05-12)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 05 30 June 1995 (1995-06-30)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0993956 A2 20000419; **EP 0993956 A3 20020102**; JP 2000071488 A 20000307

DOCDB simple family (application)

EP 99202685 A 19990819; JP 23196299 A 19990818