Title (en)

Printing method and printer with failure compensation

Title (de)

Druckverfahren und Drucker mit Ausfallkompensation

Title (fr)

Méthode d'impression et imprimante avec compensation de défaillance

Publication

EP 1452319 A1 20040901 (EN)

Application

EP 04075451 A 20040213

Priority

- EP 04075451 A 20040213
- EP 03075838 A 20030226

Abstract (en)

A printer comprising a transport system for a recording medium, a printhead with a plurality of print units each of which is capable of printing a pixel line when the printhead is scanned over the recording medium, and a failure compensation unit (46) controlling the print operation such that a failure of a print unit is compensated, characterized in that a segmentation unit (54) is provided for dividing an image to be printed into segments containing different types of image information, and in that the failure compensation unit (46) comprises a memory (52) storing a plurality of compensation strategies and a controller (58) selecting one of said compensation strategies in accordance with the segment to be printed. <IMAGE>

IPC 1-7

B41J 2/165; B41J 2/05

IPC 8 full level

B41J 2/05 (2006.01); **B41J 2/165** (2006.01); **B41J 2/21** (2006.01)

CPC (source: EP)

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Citation (applicant)

- EP 0981105 A1 20000223 - OCE TECH BV [NL]
- EP 1060896 A1 20001220 - OCE TECH BV [NL]

Citation (search report)

- [A] EP 0983855 A2 20000308 - HEWLETT PACKARD CO [US]
- [DA] US 6149264 A 20001121 - HIRABAYASHI HIROMITSU [JP], et al
- [A] EP 1151867 A2 20011107 - CANON KK [JP]
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- [DA] EP 0981105 A1 20000223 - OCE TECH BV [NL]

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EP1728635A3; CN113211980A; WO2009153795A1; US10034392B2; US11376843B2; WO2019206831A1

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