

Title (en)

Method of camouflaging defects of printing elements in a printer

Title (de)

Verfahren, um Defekte von Druckelementen eines Druckers zu tarnen

Title (fr)

Procédé de camoufler les défauts des éléments d'impression dans une imprimante

Publication

EP 1536371 B1 20070502 (EN)

Application

EP 04106008 A 20041123

Priority

- EP 04106008 A 20041123
- EP 03078754 A 20031127

Abstract (en)

[origin: EP1536371A1] A method of camouflaging defective print elements in a printer having a printhead with a plurality of print elements, wherein each pixel of the image is assigned to a print element with which it is to be printed, and image information of a pixel that is assigned to a defective print element is shifted to a nearby pixel position where it can be printed with a non-defective print element, characterised by the steps of: a) encoding the image information to be printed as a multi-level pixel matrix (38) in which one of a plurality of predetermined pixel values ("0", "1 ", "2") is assigned to each pixel and at least one of said predetermined pixel values is a conditional pixel value ("1") encoding a print instruction that depends upon whether or not a neighbouring pixel corresponds to a defective print element, b) determining defective print elements of the printer, and c) executing said print instruction. <IMAGE>

IPC 8 full level

G06K 15/00 (2006.01); **B41J 2/165** (2006.01); **B41J 2/21** (2006.01)

CPC (source: EP)

B41J 2/2139 (2013.01)

Cited by

WO2012034841A1; EP1762394A1; US9375964B2; US8777353B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1536371 A1 20050601; EP 1536371 B1 20070502

DOCDB simple family (application)

EP 04106008 A 20041123