

Title (en)

Printing method with camouflage of defective print elements

Title (de)

Druckverfahren mit Verschleierung von defekten Druckelementen

Title (fr)

méthode d'impression à dissimulation d'éléments d'impression défectueux

Publication

**EP 1634709 A1 20060315 (EN)**

Application

**EP 04104428 A 20040914**

Priority

EP 04104428 A 20040914

Abstract (en)

A printing method for a printer having a printhead with a plurality of print elements and capable of printing a binary pixel image, the method comprising the steps of: a) locating a defective print element, b) determining a camouflage area in the vicinity of pixels that would have to be printed with the defective print element and c) camouflaging defective print element by modifying image information in said camouflage area, characterised in that step c) comprises the steps of: modifying (S104; S204) a gamma correction function (42) to a modified gamma correction function (46) and using said modified gamma correction function (46) in said camouflage area.

IPC 8 full level

**B41J 2/165** (2006.01); **H04N 1/40** (2006.01); **H04N 1/405** (2006.01)

CPC (source: EP)

**B41J 2/2139** (2013.01)

Citation (applicant)

US 6215557 B1 20010410 - OWENS BRIAN KEITH [US]

Citation (search report)

- [XA] EP 1151867 A2 20011107 - CANON KK [JP]
- [DA] US 6215557 B1 20010410 - OWENS BRIAN KEITH [US]

Cited by

JP2017136731A; JP2016215395A; JP2015145085A; JP2015150751A; JP2016193534A; JP2016182775A; JP2021062491A; WO2021070662A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1634709 A1 20060315**

DOCDB simple family (application)

**EP 04104428 A 20040914**