Title (en)

Ink-jet printer nozzle defect detection method and device

Title (de)

Verfahren und Vorrichtung zum Nachweis von Tintenstrahldruckerdüsenfehlern

Title (fr)

Méthode et dispositif pour la détection de défauts dans les buses d'imprimantes par jet d'encre

Publication

EP 0988990 A3 20001011 (EN)

Application

EP 99307507 A 19990922

Priority

JP 26788398 A 19980922

Abstract (en)

[origin: EP0988990A2] A method and device designed to detect any defects in ink-jet nozzles such as blinding, satellite of ink, ink drop mislocation and uneven printing, wherein a test pattern 15 is printed on a test recording medium 3 with a printing head 4 and the said test pattern is scanned by sensor means 1 to capture an image of a column of ink drops 16 in the test pattern as a group 18, the image being processed to determine the average area of the ink drops, their X direction edge positions or Y direction center-to-center distances for comparison with specified criteria to judge any failure in the ink jetting on a group basis. <IMAGE>

IPC 1-7

B41J 29/393

IPC 8 full level

B41J 2/01 (2006.01); **B41J 2/125** (2006.01); **B41J 2/165** (2006.01); **B41J 29/46** (2006.01)

CPC (source: EP)

B41J 2/2142 (2013.01)

Citation (search report)

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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 0988990 A2 20000329; **EP 0988990 A3 20001011**; **EP 0988990 B1 20040324**; AT E262416 T1 20040415; DE 69915755 D1 20040429; DE 69915755 T2 20050113; ES 2214817 T3 20040916; JP 2000094655 A 20000404; JP 4258685 B2 20090430

DOCDB simple family (application)

EP 99307507 A 19990922; AT 99307507 T 19990922; DE 69915755 T 19990922; ES 99307507 T 19990922; JP 26788398 A 19980922