

Title (en)

APPARATUS AND METHOD FOR CONTROLLING AN INK-JET PRINTING HEAD THROUGH DETECTION OF LIGHT DIFFUSION

Title (de)

VORRICHTUNG UND METHODE ZUR STEUERUNG EINES TINTENSTRAHLDRUCKKOPFES MITTELS DETEKTION VON LICHTDIFFUSION

Title (fr)

DISPOSITIF ET MÉTHODE DE COMMANDE D'UNE TÊTE D'IMPRESSION A JET D'ENCRE PAR DÉTECTION DE DIFFUSION À LUMIÈRE

Publication

**EP 2046580 B1 20110615 (EN)**

Application

**EP 07804662 A 20070727**

Priority

- IB 2007002162 W 20070727
- IT PI20060098 A 20060728

Abstract (en)

[origin: WO2008012671A1] A system for controlling operation of at least one nozzle of a printing head (6) comprises at least one recording system, such as a video camera (5), that is connected to or can be connected to a device and/or an electronic processor, suitable for detecting emission of at least one, preferably more than one, ink drop (2) from at least one, preferably more than one, nozzle of a printing head (6), said at least one ink drop (2) being suitably illuminated.

IPC 8 full level

**B41J 2/125** (2006.01); **B41J 2/165** (2006.01)

CPC (source: EP)

**B41J 2/16579** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2008012671 A1 20080131**; AT E512797 T1 20110715; EP 2046580 A1 20090415; EP 2046580 B1 20110615; ES 2365362 T3 20110930; IT PI20060098 A1 20080129

DOCDB simple family (application)

**IB 2007002162 W 20070727**; AT 07804662 T 20070727; EP 07804662 A 20070727; ES 07804662 T 20070727; IT PI20060098 A 20060728