Title (en)

METHOD OF MODULATING PRINTHEAD PEAK POWER REQUIREMENT USING REDUNDANT NOZZLES

Title (de)

VERFAHREN ZUR ÄNDERUNG DER SPITZENLEISTUNGSANFORDERUNG EINES DRUCKKOPFS UNTER VERWENDUNG REDUNDANTER DÜSEN

Title (fr)

PROCEDE DE MODULATION DE LA PUISSANCE MAXIMALE NECESSAIRE D'UNE TETE D'IMPRESSION, DANS LEQUEL SONT UTILISEES DES BUSES REDONDANTES

Publication

EP 1960205 B1 20140409 (EN)

Application

EP 05813457 A 20051205

Priority

AU 2005001829 W 20051205

Abstract (en)

[origin: WO2007065187A1] A method of modulating a peak power requirement of an inkjet printhead is provided. The printhead comprises a plurality of first nozzles and a plurality of second nozzles supplied with a same colored ink. The first nozzles and second nozzles are configured in a plurality of sets, wherein each set of nozzles comprises one first nozzle and one corresponding second nozzle. Each nozzle in a set is configurable to print a dot of the ink onto a substantially same position on a print medium. The method comprises the steps of: (a) selecting a firing nozzle from at least one set of nozzles, the selection being on the basis of modulating the peak power requirement; and (b) printing a dot onto said print medium using said firing nozzle.

IPC 8 full level

B41J 2/035 (2006.01); **B41J 2/04** (2006.01); **B41J 2/05** (2006.01)

CPC (source: EP KR)

B41J 2/0452 (2013.01 - EP); **B41J 2/04586** (2013.01 - EP); **B41J 2/07** (2013.01 - KR); **B41J 2/145** (2013.01 - KR); **B41J 29/38** (2013.01 - KR); **B41J 29/393** (2013.01 - KR)

Citation (examination)

US 5796418 A 19980818 - SILVERBROOK KIA [AU]

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007065187 A1 20070614; AU 2005338846 A1 20070614; AU 2005338846 B2 20091001; EP 1960205 A1 20080827; EP 1960205 A4 20100721; EP 1960205 B1 20140409; KR 101058636 B1 20110822; KR 20080075904 A 20080819

DOCDB simple family (application)

AU 2005001829 W 20051205; AU 2005338846 A 20051205; EP 05813457 A 20051205; KR 20087016202 A 20051205