

Title (en)  
Printing device and control method thereof

Title (de)  
Druckvorrichtung und Steuerungsverfahren dafür

Title (fr)  
Appareil d'impression et son procédé de commande

Publication  
**EP 1375169 B1 20060802 (EN)**

Application  
**EP 03076986 A 20030623**

Priority  
• EP 03076986 A 20030623  
• EP 02077774 A 20020626

Abstract (en)  
[origin: EP1375169A1] A printing device comprising print heads having discharging elements arranged in (a) linear array(s) and a control method thereof is disclosed enabling to overcome or at least reduce the visibility to the human eye of systematic image dot-size variations, i.e. differences in dot-size of printed dots attributable to groups of discharging elements of print heads of the printing device. Therefore, on the basis of the dot-size differences of dots printed by different groups of discharging elements, the print heads and the image-receiving member displacement means are controlled such that in operation, for a given print mask, an optimal number of discharging elements is actually image-wise activated and an optimal displacement distance in the sub scanning direction is determined. <IMAGE>

IPC 8 full level  
**B41J 19/78** (2006.01); **B41J 2/21** (2006.01)

CPC (source: EP)  
**B41J 2/2125** (2013.01)

Cited by  
GB2410468A; GB2410468B; DE102004063570B4; US7249815B2

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1375169 A1 20040102; EP 1375169 B1 20060802**

DOCDB simple family (application)  
**EP 03076986 A 20030623**