

Title (en)

Method for correcting across-the-head unevenness in a thermal printing system

Title (de)

Verfahren zum Korrigieren der Ungleichmässigkeit in einem Thermodrucksystem

Title (fr)

Procédé pour corriger le manque d'uniformité dans un système d'impression thermique

Publication

EP 0627319 B1 19990616 (EN)

Application

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Abstract (en)

[origin: EP0627319A1] A method for printing by thermal sublimation is provided, comprising the steps of: 1) supplying uncorrected input data li,u to a processing unit of a printer having a head with a plurality of heating elements; 2) obtaining density correction means Mi,d for improving across-the-head unevenness according to the steps of: a) activating each heating element with power compensated input data, so that a same time-averaged power is generated in each heating element; b) measuring the printing density of pixels; c) estimating for each heating element the deviation δi of the density from a density aimed at by applying said power; d) calculating for each heating element a density correction means Mi,d taking into account said deviation δi ; e) storing each of said density correction means Mi,d ; 3) combining the respective uncorrected input data li,u with the respective density correction means Mi,d ; 4) providing the thus corrected data to the thermal head. <IMAGE>

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