

Title (en)

Method for making an image according to a thermal dye transfer process.

Title (de)

Verfahren zum Herstellen eines Bildes nach dem thermischen Farbstoffübertragungsverfahren.

Title (fr)

Méthode pour la réalisation d'une image selon le procédé du transfert thermique de colorant.

Publication

**EP 0657293 A1 19950614 (EN)**

Application

**EP 93203449 A 19931209**

Priority

EP 93203449 A 19931209

Abstract (en)

The present invention provides a method for making an image comprising the steps of: placing a dye donor element, having on a support a dye layer containing a thermally transferable dye, with said dye layer in face-to-face relationship with an image receiving element; image-wise heating a thus obtained assemblage by activating a number of heating elements of a thermal head being in contact with said dye donor element, each of said heating elements corresponding to an image pixel and separating said dye donor element from said image receiving element; characterised in that during said image-wise heating, heating elements corresponding to an image pixel for which no density is required are activated such that they generate an amount of heat (He) in accordance with the following formula:  $0.5 \text{ HD} < \text{He} < \text{HD}$  (I) wherein HD represents the amount of heat required to cause visible dye transfer from said dye donor element to said image receiving element. The life-time of the thermal head can be prolonged when the above method is used.

IPC 1-7

**B41J 2/38**

IPC 8 full level

**B41M 5/382** (2006.01); **B41J 2/38** (2006.01); **B41M 5/40** (2006.01)

CPC (source: EP)

**B41J 2/38** (2013.01)

Citation (search report)

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EP0816113B1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**EP 0657293 A1 19950614**; JP H07195854 A 19950801

DOCDB simple family (application)

**EP 93203449 A 19931209**; JP 32936894 A 19941202