

Title (en)

Thermal transfer recording device.

Title (de)

Thermisches Übertragungsaufzeichnungssystem.

Title (fr)

Système pour l'enregistrement par transfert thermique.

Publication

**EP 0678391 A1 19951025 (EN)**

Application

**EP 95103260 A 19950307**

Priority

JP 3693394 A 19940308

Abstract (en)

A thermal transfer recording device in which a gap (13) is provided between a layer (22) of a transfer dye and an object of transfer recording (14) and in which the transfer dye is supplied to a transfer section (3) and subsequently vaporized by heating means so as to be transferred onto the object of transfer recording (14) wherein, with the density of the transfer dye  $\rho$ , the surface tension of the transfer dye  $\gamma$  and with the period of heating  $\omega$ , a unit width  $d$  of a spatial structure of the transfer section is given by  $d = \frac{\rho \gamma}{\omega}$  where  $n$  is a positive integer. With the present thermal transfer recording device, a high-quality color image can be produced easily. <IMAGE>

IPC 1-7

**B41J 2/32**; **B41J 2/475**

IPC 8 full level

**B41J 2/32** (2006.01); **B41J 2/325** (2006.01); **B41J 2/475** (2006.01)

CPC (source: EP KR)

**B41J 2/32** (2013.01 - EP KR); **B41J 2/475** (2013.01 - EP); **B41J 2/475** (2013.01 - KR)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0678391 A1 19951025**; **EP 0678391 B1 19980826**; CN 1082452 C 20020410; CN 1115285 A 19960124; DE 69504229 D1 19981001; DE 69504229 T2 19990422; JP H07242009 A 19950919; KR 100325402 B1 20020702; KR 950031525 A 19951218; MY 112440 A 20010630; TW 272278 B 19960311

DOCDB simple family (application)

**EP 95103260 A 19950307**; CN 95102259 A 19950308; DE 69504229 T 19950307; JP 3693394 A 19940308; KR 19950004475 A 19950306; MY PI19950565 A 19950307; TW 84102148 A 19950307