

Title (en)

Thermal transfer image recording method

Title (de)

Thermisches Übertragungsbildaufzeichnungsverfahren

Title (fr)

Méthode pour l'enregistrement d'images par transfert thermique

Publication

EP 0618081 B1 19960515 (EN)

Application

EP 94105080 A 19940330

Priority

JP 7397293 A 19930331

Abstract (en)

[origin: EP0618081A1] A thermal transfer image recording method is disclosed. The method comprises the steps of (1) imagewise exposing a recording element to high intensity light, which comprises a support having thereon a colorant layer, and a colorant barrier layer containing an infrared absorbing substance and being provided on said color material layer, to imagewise ablate said colorant barrier layer, (2) contacting the surface of said colorant barrier layer with the surface of image receiving layer of an image receiving element, and (3) transferring colorant of said colorant layer through ablated portion of said colorant barrier layer to said image receiving layer by applying heat or pressure.

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Cited by

EP1591266A3; EP0869011A1; EP0695646A1; EP0644060A1; US5673077A; EP0716933A1; EP0716932A1; US7144672B2; US6380131B2

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