

Title (en)
Transparent thermal recording medium

Title (de)
Transparentes Thermographie-Medium

Title (fr)
Élément transparent pour enregistrement thermique

Publication
EP 0688680 B1 19990317 (EN)

Application
EP 95108850 A 19950608

Priority

- JP 15148194 A 19940609
- JP 23432694 A 19940902
- JP 33185594 A 19941209
- US 35590394 A 19941214

Abstract (en)
[origin: EP0688680A1] This invention provides a transparent thermal recording medium comprising: a thermal recording layer, which is provided on a transparent layer and comprises an electron-donating chromophoric compound, an electron-accepting compound and binder resin; and a further-provided protective layer having an approximately equal refractive index to the refractive index of the thermal recording layer, wherein the binder resin is a compound having a group selected from a hydroxyl group and a carboxyl group. The transparent thermal recording medium can be effectively used for a block copy film, on which an image is formed, for plate-making, particularly, in photogravure, offset printing and screen process printing, because the transparent thermal recording medium has a contrast of light transmission factors between a color-imaging portion and a non-imaging portion, in which the contrast is not less than 50% at a wavelength ranging from 370 nm to 450 nm.

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Citation (examination)

- JP H05104859 A 19930427 - RICOH KK
- US 5380693 A 19950110 - GOTO HIROSHI [JP]
- JP H05345475 A 19931227 - NEW OJI PAPER CO LTD
- JP H0679970 A 19940322 - RICOH KK [JP]
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- GB 1182743 A 19700304 - FUJII PHOTO FILM CO LTD [JP]
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