

Title (en)

Image forming method and heat-processible color photosensitive material for use in said method.

Title (de)

Bilderzeugungsverfahren und wärmeentwickelbares lichtempfindliches Farbmateriale zur Verwendung in diesem Verfahren.

Title (fr)

Procédé de formation d'images et matériau photosensible couleur développable à la chaleur pour utilisation dans ce procédé.

Publication

EP 0385383 A2 19900905 (EN)

Application

EP 90103768 A 19900227

Priority

- JP 4562989 A 19890227
- JP 20982189 A 19890814

Abstract (en)

A method which comprises the steps of: providing a heat-processible color photosensitive material that has at least a light-sensitive silver halide, a reducing agent, a binder and a dye-providing material on a support, which dye-providing material contains either a dye portion represented by the following general formula (1) or a dye portion represented by the following general formula (2) or both; performing imagewise exposure on said photosensitive material; subsequent to or simultaneously with the imagewise exposure, thermally developing said photosensitive material in close contact with an image-receiving material; transferring onto said image-receiving material all or part of the diffusible dye containing said dye portion which is formed from said dye-providing material as a function of development; during or after the transfer, chelating part or all of the diffusible dye with a metal to thereby form an image of the chelated dye in said image-receiving material: <CHEM> where X represent the atomic group necessary to form an aromatic nitrogenous heterocyclic ring; R1 is a hydrogen atom, a halogen atom or a monovalent organic group; m is an integer of 0 or 1 - 3, provided that when m is 2 or 3, R1 may be the same or different; Y is a hydroxyl group or a group <CHEM> (where R and R7 each represents a hydrogen atom or an optionally substituted alkyl group); and R<2>, R<3>, R<4> and R<5> each represents a hydrogen atom, a halogen atom, or a monovalent organic group.

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IPC 8 full level

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Cited by

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