Title (en)

Method of the formation of color images

Title (de)

Verfahren zur Herstellung von Farbbildern

Title (fr)

Méthode pour former des images couleur

Publication

EP 0232770 B2 19970618 (EN)

Application

EP 87100941 A 19870123

Priority

JP 1454686 A 19860124

Abstract (en)

[origin: EP0232770A2] The present invention provides a method for the formation of color images by processing in a short period of time color photographic materials containing at least one oil-soluble coupler with a color developer which does not substantially contain benzyl alcohol, wherein a silver halide color photographic material having at least one silver halide emulsion layer on a reflective support, the emulsion layer containing a dispersion of oleophilic fine grains having a means grain size of 0.25 mu m or less, which contain a coupler capable of forming a dye after having been coupled with an oxidation product of an aromatic primary amine developing agent, and at least one high boiling organic solvent having a dielectric constant of 4.00 or more (25 DEG C, 10 KHz), as selected from the group consisting of the following formulae (I), (II), (III), (IV) and (V): <CHEM> W1-COOW2 (II) <CHEM> <CHEM> W1-O-W2 (V) wherein W1, W2 and W3 each represents a substituted or unsubstituted alkyl, cycloalkyl, alkenyl, aryl, or heterocyclic group; W4 represents W1, O-W1, or S-W1; n represents an integer from 1 to 5, and when n is 2 or more, each W4 may be

[origin: EP0232770A2] Colour images are prepd. from an exposed Ag halide photographic material contg., in the emulsion layer, a dispersion of oleophilic fine grains with mean grain size of 0.25 micrometers at most and contg. a colour coupler and a high b.pt. organic solvent of formulae (I) - (V) with dielectric constant of at least 4.0/25 deg.C, 10 KHz), by developing for 2 min. 30 sec. at most in a soln. contg. an aromatic primary amine developing agent and substantially no benzyl alcohol. W1-3 = opt. substd. (cyclo)alkyl, alkenyl, aryl or heterocyclyl; W4 = W1, OW, or SW,; n = 1-5; and in formula (V), W1 and W2 may be linked to form a condensed ring.

IPC 1-7

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Cited by

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