

Title (en)

METHOD OF THE FORMATION OF COLOR IMAGES

Publication

EP 0232770 B1 19930407 (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 mean grain size of 0.25 μ 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

G03C 7/26; G03C 7/30

IPC 8 full level

G03C 7/26 (2006.01); **G03C 7/30** (2006.01); **G03C 7/388** (2006.01); **G03C 7/407** (2006.01)

CPC (source: EP)

G03C 7/3885 (2013.01)

Cited by

EP0295583A3; EP0588325A1; US5286616A; WO9008345A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0232770 A2 19870819; EP 0232770 A3 19890503; EP 0232770 B1 19930407; EP 0232770 B2 19970618; DE 3785231 D1 19930513; DE 3785231 T2 19930722; DE 3785231 T3 19970911; JP H0650382 B2 19940629; JP S62172349 A 19870729

DOCDB simple family (application)

EP 87100941 A 19870123; DE 3785231 T 19870123; JP 1454686 A 19860124