

Title (en)

Silver halide color photographic material.

Title (de)

Farbphotographisches Silberhalogenidmaterial.

Title (fr)

Matériau photographique couleur à l'halogénure d'argent.

Publication

EP 0234742 A2 19870902 (EN)

Application

EP 87300687 A 19870127

Priority

JP 1554886 A 19860127

Abstract (en)

A silver halide color photographic material having a halide emulsion layer on a support is disclosed. One silver halide emulsion layer contains a yellow-dye forming coupler of the general formula (I) shown below, one silver halide emulsion layer contains a magenta-dye forming coupler of the general formula (II) shown below, and one silver halide emulsion layer contains a cyan-dye forming coupler of the general formula (III) shown below, and the silver halide color photographic material affords a magenta gamma to cyan gamma ratio of 0.85 - 1.00, and a yellow gamma to cyan gamma ratio of 0.83 - 1.00 when said photographic material is subjected to monochromatic exposure to blue, green and red light under the conditions specified below, then developed and processed under the conditions specified below, and subsequently subjected to measurement of cyan gamma, magenta gamma and yellow gamma values of the respective colors by the method specified below: <CHEM> (where R1 is an alkyl or aryl group; R2 is an aryl group; and Z1 is a hydrogen atom or a group that can be eliminated upon reaction with the oxidized product of a color developing agent) <CHEM> (where Z signifies the group of non-metallic atoms that are necessary to form a nitrogen-containing heterocyclic ring which may optionally have a substituent; X is a hydrogen atom or a group that can be eliminated upon reaction with the oxidized product of a color developing agent; and R is a hydrogen atom or a substituent); <CHEM> (where R21 is an alkyl or aryl group; R22 is an alkyl, cycloalkyl, aryl or heterocyclic group; R23 is a hydrogen atom, a halogen atom, an alkyl group or an alkoxy group, provided that R23 may combine with R21 to form a ring; and Z2 is a hydrogen atom or a group that can be eliminated upon reaction with the oxidized product of a color developing agent); Conditions of monochromatic exposure (1) exposure to red light light source : tungsten lamp exposure time : 0.5 seconds filter : Kodak WRATTEN gelatin filter No. 29 (2) exposure to green light light source : tungsten lamp exposure time : 0.5 seconds filter : Kodak WRATTEN gelatin filter No. 61 (3) exposure to blue light light source : tungsten lamp exposure time : 0.5 seconds 1

IPC 1-7

G03C 7/32

IPC 8 full level

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CPC (source: EP)

G03C 7/3225 (2013.01)

Cited by

EP0825488A1; EP0391341A3; EP0410754A3; EP0407206A1; US5962198A; EP0825489A1

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