

Title (en)

SILVER HALIDE COLOR PHOTOGRAPHIC MATERIAL AND COLOR PHOTOGRAPHIC PRINT

Publication

EP 0270078 A3 19900816 (EN)

Application

EP 87117764 A 19871201

Priority

- JP 9544087 A 19870420
- JP 28745686 A 19861202

Abstract (en)

[origin: EP0270078A2] A silver halide color photographic material is described, comprising a reflective support composed of a vinyl chloride resin containing a white pigment and having thereon in an appropriate order at least one red-sensitive silver halide emulsion layer containing a cyan color forming coupler represented by the general formula (1) or (2) shown below, at least one green-sensitive silver halide emulsion layer containing a magenta color forming coupler represented by the general formula (3) or (4) shown below, and at least one blue-sensitive silver halide emulsion layer containing a yellow color forming coupler represented by the general formula (5) shown below <CHEM> <CHEM> wherein R1, R4 and R5 each represents an aliphatic group, an aromatic group, a heterocyclic group, an aromatic amino group or a heterocyclic amino group; R2 represents an aliphatic group; R3 and R6 each represents a hydrogen atom, a halogen atom, an aliphatic group, an aliphatic oxy group or an acylamino group; R7 and R8 each represents a substituted or unsubstituted phenyl group; R9 represents a hydrogen atom or a substituent; R2 and R3 or R5 and R6 may be connected with each other to form a 5-membered to 7-membered ring; Q represents a substituted or unsubstituted N-phenylcarbamoyl group; Za and Zb, which may be the same or different, each represents a group of -CH=, a group of <CHEM> or a group of -N=; R10 represents the same substituent as that represented by R9; and X1, X2, X3, X4 and X5 each represents a hydrogen atom or a group capable of being released upon a reaction with an oxidation product of an aromatic primary amine developing agent. The silver halide color photographic material provides a color photographic print having color images of excellent sharpness and good smoothness. A color photographic print comprising a reflective support composed of a vinyl chloride resin containing a white pigment and having thereon in an appropriate order at least one emulsion layer containing a cyan dye obtained by a reaction of a cyan color forming coupler represented by the general formula (1) or (2) shown above with an oxidation product of an aromatic primary amine developing agent (CD), at least one emulsion layer containing a magenta dye obtained by a reaction of a magenta color forming coupler represented by the general formula (3) or (4) shown above with a CD, and at least one emulsion layer containing a yellow dye obtained by a reaction of a yellow color forming coupler represented by the general formula (5) shown above with a CD is also described.

IPC 1-7

G03C 1/78; G03C 7/32

IPC 8 full level

G03C 1/775 (2006.01); **G03C 1/795** (2006.01); **G03C 7/00** (2006.01); **G03C 7/20** (2006.01); **G03C 7/32** (2006.01)

CPC (source: EP)

G03C 1/795 (2013.01); **G03C 7/3225** (2013.01)

Citation (search report)

- [YD] EP 0065329 A1 19821124 - AGFA GEVAERT NV [BE]
- [Y] EP 0162328 A2 19851127 - FUJI PHOTO FILM CO LTD [JP]
- [Y] US 4120725 A 19781017 - NAKAZYO KIYOSHI, et al
- [Y] EP 0164961 A2 19851218 - EASTMAN KODAK CO [US]
- [A] FR 2245616 A1 19750425 - BASF AG [DE]

Cited by

EP0294785A3; US5116990A; US6821719B2; US6818390B2; WO2004046823A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0270078 A2 19880608; EP 0270078 A3 19900816; EP 0270078 B1 19940511; DE 3789800 D1 19940616; JP H07119964 B2 19951220; JP S63264746 A 19881101

DOCDB simple family (application)

EP 87117764 A 19871201; DE 3789800 T 19871201; JP 9544087 A 19870420