

Title (en)

Silver halide color photographic material.

Title (de)

Farbphotographisches Silberhalogenidmaterial.

Title (fr)

Matériau photographique couleur à l'halogénure d'argent.

Publication

EP 0298321 A2 19890111 (EN)

Application

EP 88110100 A 19880624

Priority

JP 15834287 A 19870625

Abstract (en)

A silver halide color photographic material comprising a support having thereon at least one silver halide emulsion layer, wherein the silver halide color photographic material contains (1) at least one compound selected from the group consisting of compounds represented by the general formula (I), (II) or (III) and dimers or higher polymers containing at least one moiety derived from the compounds, and (2) at least one compound selected from the group consisting of organic color fading preventing agents represented by the general formula (IV) and dimers or higher polymers containing at least one moiety derived from the agents, organic metal complexes containing copper, cobalt, nickel, palladium or platinum as the central metal and having at least one organic ligand having at least one conformation and dimers or higher polymers containing at least one moiety derived from the complexes: R1 @@@A @@@X (I) R2 - @ = Y (II) R - Z (III) wherein R1 and R2 each represents an aliphatic group, an aromatic group or a heterocyclic group; X represents a group capable of being released upon a reaction with an aromatic amine developing agent; A represents a group capable of reacting with an aromatic amine developing agent to form a chemical bond; n represents 0 or 1; B represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, an acyl group or an aliphatic or aromatic sulfonyl group; Y represents a group capable of accelerating the addition of an aromatic amine developing agent to the compound represented by the general formula (II); wherein R1 and X, or Y and R2 or B may be connected to each other to form a cyclic structure; R represents an aliphatic group, an aromatic group or a heterocyclic group; and Z represents a nucleophilic group or a group capable of being decomposed in the photographic material to release a nucleophilic group, R30-W-R31 (IV) wherein R30 represents an aliphatic group, an aromatic group or a heterocyclic group; R31 represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group or <CHEM> R32, R33 and R34, which may be the same or different, each represents an alkyl group, an alkenyl group, an aryl group, an alkoxy group, an alkenoxy group or an aryloxy group; W represents -O-, -S- or <CHEM> R35 represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, an acyl group sulfonyl group, a sulfinyl group, an oxy-radical group or a hydroxy group; wherein R30 and R31, or R35 and R30 or R31 may be connected to each other to form a 5-membered to 7-membered ring.

IPC 1-7

G03C 7/26; **G03C 7/32**

IPC 8 full level

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CPC (source: EP)

G03C 7/3005 (2013.01); **G03C 7/39296** (2013.01); **G03C 7/39208** (2013.01); **G03C 7/39284** (2013.01)

Cited by

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