

Title (en)

Silver halide color photographic material containing yellow colored cyan coupler

Title (de)

Farbphotographisches Silberhalogenidmaterial, das einen gelbgefärbten Cyan-Kuppler enthält

Title (fr)

Produit photographique couleur à l'halogénure d'argent contenant un coupleur cyan coloré en jaune

Publication

**EP 0436938 B1 19960619 (EN)**

Application

**EP 90125645 A 19901228**

Priority

- JP 27677490 A 19901016
- JP 34358789 A 19891229

Abstract (en)

[origin: EP0436938A2] A silver halide color photographic material comprising a support having thereon at least one red-sensitive silver halide emulsion layer containing a cyan coupler, at least one green-sensitive silver halide emulsion layer containing a magenta coupler and at least one blue-sensitive silver halide emulsion layer containing a yellow coupler, characterized in that the photographic material contains at least one compound represented by the following general formula (I) and at least one yellow colored cyan coupler:  $\text{A} \text{---} \text{TIME} \text{---} \text{B}$  wherein A represents a coupler moiety which is released from (TIME)n-B by a coupling reaction with an oxidation product of an aromatic primary amine developing agent; TIME represents a timing group which is bonded to the active coupling site of A and which releases B after release from A by the coupling reaction; B represents a group represented by the following general formulas (IIa), (IIb), (IIc), (IId), (IIe), (IIf), (IIg), (IIh), (Iii), (Iij), (IIk), (IIl), (IIm), (IIn), (Ilo) or (Ilp); and n represents 0 or 1 and when n is 0, B is directly bonded to A:  $\text{X1} \text{---} \text{X2} \text{---} \text{X3}$  wherein X1 represents a substituted or unsubstituted aliphatic group having 1 to 4 carbon atoms or a substituted phenyl group; X2 represents a hydrogen atom, an aliphatic group, a halogen atom, a hydroxyl group, an alkoxy group, an alkylthio group, an alkoxy carbonyl group, an acylamino group, a carbamoyl group, a sulfonyl group, a sulfonamido group, a sulfamoyl group, an acyloxy group, a ureido group, a cyano group, a nitro group, an amino group, an alkoxy carbonylamino group, an aryloxy carbonyl group, or an acyl group; X3 represents an oxygen atom, a sulfur atom or an imino group having not more than 4 carbon atoms; m represents an integer of 1 or 2; the total of carbon atoms in X2 or (X2)m groups is not more than 8; and when m is 2, the two X2 groups may be the same or different groups.

IPC 1-7

**G03C 7/32**; **G03C 7/305**; **G03C 7/333**

IPC 8 full level

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CPC (source: EP)

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