

Title (en)

Silver halide color photographic material.

Title (de)

Farbphotographisches Silberhalogenidmaterial.

Title (fr)

Matériau photographique couleur à l'halogénure d'argent.

Publication

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Application

EP 91107617 A 19910510

Priority

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- JP 12082090 A 19900510

Abstract (en)

A silver halide color photographic material is provided comprising a support having thereon (i) at least a silver halide emulsion layer containing (ii) a yellow-colored cyan coupler capable of undergoing reaction with an oxidation product of an aromatic primary amine developing agent to release a group containing a water-soluble 6-hydroxy-2-pyridon-5-ylazo group, a water soluble 2-acylaminophenylazo group, a water soluble 2-sulfonamidophenylazo group, a water soluble 5-aminopyrazol-4-ylazo on a water soluble pyrazolon-4-ylazo group and (iii) a coupler represented by the general formula (A): <CHEM> wherein R<a1> represents a hydrogen atom or substituent; X<a1> represents a hydrogen atom or a group capable of being separated from the compound of formula (A) upon a coupling reaction with an oxidation product of an aromatic primary amine developing agent; Za, Zb and Zc each represents a methine group, substituted methine group, =N- group or -NH- group; one of Za-Zb bond and Zb-Zc bond is a double bond and the other is a single bond; if Zb-Zc bond is a carbon-carbon double bond, it may be a part of an aromatic ring; R<a1> or X<a1> may form a dimer or higher polymer; and if Za, Zb or Zc is a substituted methine, it may form a dimer or higher polymer. A preferred embodiment further comprises a compound represented by the general formula (II): A - {(L1)a - (B)m}p - (L2)n - DI (II) wherein A represents a group which is capable of undergoing a reaction with an oxidation product of an aromatic primary amine developing agent to cause cleavage of A from {(L1)a - (B)m}p - (L2)n - DI; L1 represents a group which undergoes cleavage of the bond between L1 and the group to its right after cleavage of the bond between L1 and A as viewed in the general formula (I); B represents a group which undergoes reaction with an oxidation product of a developing agent to cause cleavage of the bond between B and the group to its right side as viewed in the general formula (I); L2 represents a group which causes cleavage of the bond between L2 and DI after cleavage of the bond of L2 to the group to its left as viewed in the general formula (I); DI represents a development inhibitor; and p represents an integer from 0 to 2, with the proviso that if p is 2, the two {(L1)a - (B)m} groups are the same or different.

IPC 1-7

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

IPC 8 full level

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CPC (source: EP)

G03C 7/30547 (2013.01); **G03C 7/3225** (2013.01); **G03C 7/3335** (2013.01)

Citation (search report)

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- [Y] JP S63304242 A 19881212 - FUJI PHOTO FILM CO LTD
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- [Y] EP 0318992 A2 19890607 - FUJI PHOTO FILM CO LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 6, no. 217 (P-152)(1095) 30 October 1982, & JP-A-57 122434 (KONISHIROKU) 30 July 1982,

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