

## Title (en)

Silver halide color photographic material.

## Title (de)

Silberhalogenid enthaltendes farbphotographisches Material.

## Title (fr)

Matériau photographique couleur à l'halogénure d'argent.

## Publication

**EP 0368356 A1 19900516 (EN)**

## Application

**EP 89120915 A 19891110**

## Priority

JP 28540988 A 19881111

## Abstract (en)

A silver halide color photographic material having on a support hydrophilic colloidal layers containing at least one light-sensitive silver halide emulsion layer and at least one light-insensitive layer, one of the silver halide emulsion layers being spectrally sensitized with a compound represented by the following general formula (I):  $\langle \text{CHEM} \rangle$  wherein Z represents an oxygen atom or a sulfur atom; R1 and R2 each represents an unsubstituted or substituted alkyl group; V1, V2, V3, V4, V5, V6, V7 and V8 each represents a hydrogen atom, a halogen atom, an alkyl group, an acyl group, an acyloxy group, an alkoxy carbonyl group, a carbamoyl group, a sulfamoyl group, a carboxyl group, a cyano group, a hydroxyl group, an amino group, an acylamino group, an alkoxy group, an alkylthio group, an alkylsulfonyl group, a sulfonic acid group or an aryl group, provided that any two adjacent groups among V1 to v8 do not form a condensed ring by combining with each other, and when the Hammett's sigma p value of Vi (i = 1 to 8) is taken as sigma pi (i = 1 to 8), and Y is defined as  $Y = \sigma p_1 + \sigma p_2 + \sigma p_3 + \sigma p_4 + \sigma p_5 + \sigma p_6 + \sigma p_7 + \sigma p_8$ ,  $Y \leq -0.08$  in the case of Z = oxygen atom, while  $Y \leq -0.15$  in the case of Z = sulfur atom; X represents a counter ion for charge balancing; and n represents the number of counter ions for rendering the total charge of the compound neutral; and additionally containing an effective amount of a water-soluble bromide; and which material further contains at least one dye represented by the following general formula (II) in either a light-sensitive or light-insensitive constituent layer provided that when the dye of general formula (II) wherein n is 2 is incorporated therein, the amount thereof is in a coverage of at least  $1 \times 10^{-5}$  mol/m<sup>2</sup>;  $\langle \text{CHEM} \rangle$  wherein L1, L2 and L3 each represents an unsubstituted or substituted methine group; Q represents an aryl group containing at least one sulfo or carboxyl group; R3 and R4 each represents -COR5, -COOR5,  $\langle \text{CHEM} \rangle$  -CN, or -CF3; R5 and R6 each represents a hydrogen atom, an unsubstituted or substituted alkyl group, or an unsubstituted or substituted aryl group; m represents 0, 1, 2, or 3; n represents 0, 1, or 2; and M represents K or Na.

## IPC 1-7

**G03C 1/26**; **G03C 1/83**; **G03C 7/30**

## IPC 8 full level

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- DE 2026252 A1 19701203
- PATENT ABSTRACTS OF JAPAN, vol. 7, no. 105 (P-195)[1250], 1st May 1983; & JP-A-58 028 738 (KONISHIROKU) 19-02-1983
- PATENT ABSTRACTS OF JAPAN, vol. 8, no. 89 (P-270)[1526], 24th April 1984; & JP-A-59 005 238 (KONISHIROKU) 12-01-1984
- PATENT ABSTRACTS OF JAPAN, vol. 8, no. 89 (P-270)[1526], 24th April 1984; & JP-A-59 005 238 (KONISHIROKU) 12-01-1984

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