

Title (en)

Silver halide color photographic light-sensitive material.

Title (de)

Farbphotographisches lichtempfindliches Silberhalogenidmaterial.

Title (fr)

Produit photographique couleur à l'halogénure d'argent sensible à la lumière.

Publication

EP 0458315 A1 19911127 (EN)

Application

EP 91108320 A 19910522

Priority

JP 13311090 A 19900523

Abstract (en)

A silver halide color photographic light-sensitive material is disclosed. The light-sensitive material comprises a support, a blue-sensitive, a green-sensitive and a red-sensitive layers, and the maximum sensitive wavelength of the red-sensitive λ_{Rmax} , the sensitivity of the red-sensitive layer SR_{max} to light of λ_{Rmax} , the sensitivity of the red-sensitive layer SR610 to light of 610nm, the maximum sensitive wavelength of the green-sensitive layer λ_{Gmax} , the sensitivity of the green-sensitive layer SG_{max} to light of λ_{Gmax} , and the sensitivity of the green-sensitive emulsion layer SG545 to light of 545nm, satisfy the following requirements, provided that the SR610, SR_{max} , SG545 and SG_{max} are each determined based on a reciprocal of a high amount necessary for forming the optical density of 0.3 on the minimum density of the light-sensitive material after processing, $590nm \leq \lambda_{Rmax} \leq 625nm$; $SR610 \geq 0.8 SR_{max}$, $520nm \leq \lambda_{Gmax} \leq 570nm$; $SG545 \leq 0.8 SG_{max}$, and at least one of layers included in the light-sensitive material contains a development inhibitor releasing coupler capable of releasing a development inhibitor or a development inhibitor precursor to form a development inhibitor. The development inhibitor split off from the coupler loses its development inhibiting ability at a rate of a half-life of not more than 4 hours in a color developer.

IPC 1-7

G03C 7/30

IPC 8 full level

G03C 7/20 (2006.01); **G03C 7/30** (2006.01); **G03C 7/305** (2006.01)

CPC (source: EP)

G03C 7/3041 (2013.01)

Citation (search report)

- [Y] JP S62160449 A 19870716 - FUJI PHOTO FILM CO LTD
- [YD] DE 3209486 A1 19820923 - FUJI PHOTO FILM CO LTD [JP]

Cited by

US5958666A; EP0751424A3; US5989789A; US7029837B2

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