

Title (en)
LIGHT-SENSITIVE SILVER HALIDE PHOTOGRAPHIC MATERIAL

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Application
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Abstract (en)
[origin: EP0327274A2] A light-sensitive silver halide photographic material comprising at least two light-sensitive silver halide emulsion layers containing diffusion-resistant couplers and at least one non-light-sensitive intermediate layer sandwiched between the light-sensitive silver halide emulsion layers provided on a support, wherein the non-light-sensitive intermediate layer contains a compound which deactivates the oxidized product of a color developing agent, the relative color formation speed ratio k_1/k_2 (lower color formation speed is defined as k_1 , and higher color formation speed as k_2 ; when the color formation speeds are equal, either one may be applicable) between the diffusion-resistant couplers contained in the respective two light-sensitive silver halide emulsion layers adjacent to the non-light-sensitive intermediate layer is $0.25 \leq k_1/k_2 \leq 1$, and the relationship of the k_1/k_2 to the ability Sc is represented by Formula (I): $Sc \cdot k_1/k_2 \geq 0.2$ Formula (I) wherein Sc represents an ability of the compound to deactivate the oxidized product of the color developing agent in the non-light-sensitive intermediate layer. According to the light-sensitive silver halide color photographic material of the present invention, the effect of preventing color turbidity and color reproducibility can be remarkably improved.

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G03C 7/26

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Citation (search report)
• [XD] EP 0107112 A2 19840502 - FUJI PHOTO FILM CO LTD [JP]
• [X] EP 0080905 A1 19830608 - KONISHIROKU PHOTO IND [JP]
• [X] EP 0233641 A2 19870826 - KONISHIROKU PHOTO IND [JP]

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