

Title (en)

Light-sensitive silver halide photographic material.

Title (de)

Lichtempfindliches photographisches Silberhalogenidmaterial.

Title (fr)

Matériau photographique à l'halogénure d'argent sensible à la lumière.

Publication

**EP 0327274 A2 19890809 (EN)**

Application

**EP 89300813 A 19890127**

Priority

JP 2035788 A 19880130

Abstract (en)

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.

IPC 1-7

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IPC 8 full level

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