

Title (en)

Process for producing a silver halide photographic material.

Title (de)

Verfahren zum Herstellen eines photographischen Silberhalogenidmaterials.

Title (fr)

Procédé pour la préparation d'un matériau photographique à l'halogénure d'argent.

Publication

EP 0302528 B1 19940223 (EN)

Application

EP 88112876 A 19880808

Priority

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- JP 21998387 A 19870902
- JP 21998487 A 19870902

Abstract (en)

[origin: EP0302528A2] A silver halide photographic material composed of a support having thereon at least one silver halide emulsion layer containing substantially normal silver halide grains having a (111) plane and a (100) plane and capable of preferentially forming a latent image on the (100) plane; the (111) plane occupying at least about 40% of the surface of the grains or the (100) plane occupying more than about 60% of the surface of the grains; provided that when the (111) plane occupies at least about 40% of the surface of the grains, the grains are spectrally sensitized with (a) at least one spectral sensitizing dye selectively adsorbed more on the (100) plane than on the (111) plane, or (b) at least one spectral sensitizing dye selectively adsorbed more on the (111) plane than on the (100) plane. Since most of a sensitizing dye and the site where a latent image is formed can be separated on the surface of silver halide grains, the photographic material exhibits high sensitivity even when developed with a developing solution having low solubility.

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IPC 8 full level

G03C 1/035 (2006.01); **G03C 1/12** (2006.01)

CPC (source: EP)

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Citation (examination)

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Cited by

US5399477A; US5310644A; EP0395388A3; EP0545380A1; US5254455A; US5213944A; EP0622423A1; US5466822A; EP0541104A1; US5389511A; WO9308503A1

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