

Title (en)

Surface latent image type silver halide photographic emulsion

Title (de)

Oberflächenlatentbildtyp Silberhalogenidemulsion

Title (fr)

Emulsion photographique à l'halogénure d'argent formant image latente superficielle

Publication

EP 0619515 B1 20001220 (EN)

Application

EP 94104787 A 19940325

Priority

- JP 10371893 A 19930407
- JP 10371993 A 19930407

Abstract (en)

[origin: EP0619515A1] Disclosed herein is a surface latent image type silver halide photographic emulsion containing silver halide grains which have been formed in the presence of a tellurium compound which forms silver telluride in silver bromide emulsion at a pseudo-first-order reaction rate constant k of 1×10^{-7} min $^{-1}$ to 1×10^{-1} min $^{-1}$, and in which tellurium ions have been thereby doped. Also disclosed is a surface latent image type silver halide photographic emulsion containing silver halide grains which have been formed by adding at least one labile tellurium compound selected from the group consisting of an organic compound containing tellurium single-bonded directly to S, SO, SO₂, Se, P=O or P=S, a cyclic organic compound having at least one tellurium atom and two or more chalcogen atoms in a ring, and an organic compound containing tellurium anions, and in which tellurium ions have been thereby doped.

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G03C 1/09

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