

Title (en)

Light-sensitive silver halide photographic material, silver halide emulsion, and process for preparing these.

Title (de)

Photographisches, lichtempfindliches Silberhalogenidmaterial, Silberhalogenidemulsion, und Verfahren zu ihrer Herstellung.

Title (fr)

Matériau photographique à l'halogénure d'argent sensible à la lumière, émulsion à l'halogénure d'argent, et procédé pour leur préparation.

Publication

EP 0421426 A1 19910410 (EN)

Application

EP 90119057 A 19901004

Priority

JP 25931089 A 19891003

Abstract (en)

A light sensitive silver halide photographic material having at least one of the silver halide emulsion layers which comprises a silver halide emulsion mainly composed of twinned crystal grains and having a proportion of not more than 1/20 for a number of fogging grains to a number of total silver halide grains in the layer is disclosed. A method of preparing the silver halide emulsion is also disclosed. In the preparation process, a silver compound is added under conditions of a pH of from 1 to 5 in respect of not less than 50 mol % of residual silver compound added in a course of formation of silver halide grains, after at least 90 mol % of silver compound has been added.

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G03C 1/015; **G03C 1/035**

IPC 8 full level

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CPC (source: EP)

G03C 1/0051 (2013.01); **G03C 7/3022** (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 10, no. 7 (P-419)(2064) 11 January 1986, & JP-A-60 164738 (KONISHIROKU) 27 August 1985,
- [Y] PHOTOGRAPHIC SCIENCE AND ENGINEERING. vol. 5, no. 6, November 1961, WASHINGTON US pages 332 - 336; C.R.Berry et al.: "Effects of environment on the Growth of Silver Bromide Microcrystals"
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