

Title (en)

Silver halide photographic emulsion.

Title (de)

Photographische Silberhalogenidemulsion.

Title (fr)

Emulsion photographique à l'halogénure d'argent.

Publication

EP 0460656 A1 19911211 (EN)

Application

EP 91109266 A 19910606

Priority

JP 14798490 A 19900606

Abstract (en)

A silver halide photographic emulsion contains a dispersant and silver halide grains. At least 50% of the total projected surface area of the silver halide grains is occupied by tabular silver halide grains having an average aspect ratio of 2 or more. The mutually facing parallel major surfaces of the tabular silver halide grains are (111) faces. At least 30% of the tabular silver halide grains have dislocations in the major surface region.

IPC 1-7

G03C 1/035

IPC 8 full level

G03C 1/035 (2006.01); **G03C 1/005** (2006.01); **G03C 1/015** (2006.01)

CPC (source: EP)

G03C 1/0051 (2013.01)

Citation (search report)

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- [AD] EP 0282896 A1 19880921 - FUJI PHOTO FILM CO LTD [JP]
- [AD] US 4879208 A 19891107 - URABE SHIGEHARU [JP]
- [Y] JOURNAL OF IMAGING SCIENCE. vol. 32, no. 4, July 1988, SPRINGFIELD US pages 160 - 177; Joe E. Maskasky: "Epitaxial Selective Site Sensitization of Tabular Grain Emulsions"

Cited by

US5498516A; US5399477A; US5736311A; EP0584644A3; US5652089A; EP0985963A1; US6150080A

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