

Title (en)

Silver halide photographic light-sensitive material

Title (de)

Lichtempfindliches photographisches Silberhalogenidmaterial

Title (fr)

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

Publication

**EP 0438791 B1 19960320 (EN)**

Application

**EP 90125597 A 19901227**

Priority

JP 33768489 A 19891226

Abstract (en)

[origin: EP0438791A1] A silver halide photographic light-sensitive material includes at least one silver halide emulsion layer containing a silver halide emulsion prepared by adding at least one compound represented by the following general formula [I], [II], or [III] during a manufacturing process, wherein at least 50% of a total projected area of all silver halide grains of the emulsion layer are occupied by tabular silver halide grains consisting of silver iodobromide, silver iodochloride, or silver iodochlorobromide each containing not less than 3.0 mol% of silver iodide on an average, an aspect ratio of the tabular silver halide grains occupying at least 50% of the total projected area is 3.0 or more, and a relative standard deviation between silver iodide contents of individual grains is not more than 30%: [I] R-SO<sub>2</sub>S-M [II] R-SO<sub>2</sub>S-R<1> [III] R-SO<sub>2</sub>S-Lm-SSO<sub>2</sub>-R<2> wherein R, R<1>, and R<2> may be the same or different and independently represent an aliphatic group, an aromatic group, or a heterocyclic group, M represents a cation, L represents a divalent linking group, and m represents 0 or 1. Compounds represented by general formulas [I] to [III] may be polymers containing divalent groups derived from structures represented by general formulas [I] to [III] as repeating units. If possible, R, R<1>, R<2>, and L may be bonded to each other to form a ring. r

IPC 1-7

**G03C 1/10**

IPC 8 full level

**G03C 7/392** (2006.01); **G03C 1/005** (2006.01); **G03C 1/035** (2006.01); **G03C 1/04** (2006.01); **G03C 1/06** (2006.01); **G03C 1/10** (2006.01)

CPC (source: EP)

**G03C 1/0051** (2013.01); **G03C 1/10** (2013.01)

Cited by

US5972589A; EP0843209A1; EP0613042B1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0438791 A1 19910731**; **EP 0438791 B1 19960320**; DE 69026062 D1 19960425; DE 69026062 T2 19961017; JP 2896465 B2 19990531; JP H03196137 A 19910827

DOCDB simple family (application)

**EP 90125597 A 19901227**; DE 69026062 T 19901227; JP 33768489 A 19891226