

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 0371338 A1 19900606 (EN)**

Application

**EP 89121214 A 19891116**

Priority

- JP 15604989 A 19890619
- JP 29067688 A 19881117

Abstract (en)

A silver halide photographic light-sensitive material comprising a support and at least one silver halide emulsion layer thereon, said silver halide emulsion layer containing a monodisperse silver halide emulsion manufactured in the presence of at least one type of thiosulfonic acid compounds represented by formulas [I], [II], and [III]: [I] R-SO<sub>2</sub>S-M [II] R-SO<sub>2</sub>S-R<1> [III] RSO<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 represent an aliphatic group, an aromatic group, or a heterocyclic group, M represents a cation, L represents a divalent bonding group, m represents 0 or 1, compounds represented by formulas [I] to [III] can be polymers containing, as a repeating unit, divalent groups derived from compounds represented by formulas [I] to [III], and if possible, R, R<1>, R<2>, and L can be bonded with each other to form a ring.

IPC 1-7

**G03C 1/035**; **G03C 1/10**; **G03C 1/34**

IPC 8 full level

**G03C 1/035** (2006.01); **G03C 1/10** (2006.01); **G03C 1/34** (2006.01)

CPC (source: EP)

**G03C 1/035** (2013.01); **G03C 1/10** (2013.01); **G03C 1/346** (2013.01); **G03C 2001/0357** (2013.01); **G03C 2001/03582** (2013.01)

Citation (search report)

- [Y] FR 2169360 A1 19730907 - AGFA GEVAERT AG [DE]
- [A] DE 2824082 A1 19781214 - FUJI PHOTO FILM CO LTD
- [A] US 4775617 A 19881004 - GODA KENSUKE [JP]
- [Y] Zeitschrift für wissenschaftliche Photographie vol. 63, no. 7-9, 1969, Berlin, DD pages 133 - 148; S.Gahler: "Benzolthiosulfonsäure und Reduktionssensibilisierung"
- [Y] PATENT ABSTRACTS OF JAPAN vol. 9, no. 37 (P-335)(1760) 16 February 1985, & JP-A-59 178447 (KONISHIROKU PHOTO INDUSTRY COMPANY LIMITED) 09 October 1984,

Cited by

EP0495253A1; US5415992A; US5399479A; US5443947A; US5489504A; US5411855A; EP0687948A1; US5627018A; EP0645668A1; US5460936A; EP0703495A1; US5616453A; EP0435355A1; US5368999A; EP0843209A1; EP0435270B1

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