Title (en)

Silver halide photographic light-sensitive materials.

Title (de)

Fotografische lichtempfindliche Silberhalogenidmaterialien.

Title (fr)

Matériaux photographiques à l'halogénure d'argent sensibles à la lumière.

Publication

EP 0445627 A1 19910911 (EN)

Application

EP 91102835 A 19910226

Priority

JP 5013890 A 19900301

Abstract (en)

A silver halide photographic light-sensitive material is disclosed having a silver halide emulsion layer comprised of silver halide grains which contain at least silver chloride and which have been spectrally sensitized to infrared using at least one tricarbocyanine dye and/or dicarbocyanine dye which contains a 4-quinoline nucleus, wherein there is at least one hydrophilic colloid layer which contains at least one dye which is represented by general formula (F-I) indicated below: <CHEM> wherein R<1>, R<2>, R<3>, R<4>, R<5> and R<6>, which may be the same or different, each represents a substituted or unsubstituted alkyl group; Z<1> and Z<2> each represents a group of non-metal atoms which is required to form a substituted or unsubstituted below: <CHEM> wherein R<1>, R<2>, R<3>, R<4>, R<5>, R<6>, Z<1> and Z<2> each represents a group of non-metal atoms which is required to form a substituted or unsubstituted below: and z<2> are groups such that the dye molecule has at least three acid group; L<1>, L<2> and L<3> represent substituted or unsubstituted methine groups; X represents an anio; and n is 1 or 2, and n is 1 when the dye forms an intramolecular salt, <CHEM> wherein R21 and R24 each represents a hydrogen atom, an aliphatic group, an aromatic group or a heterocyclic group; R22 and R25 each represents a hydrogen atom, an aliphatic group, an aryl group, -COOR27, -OR27, -NR27R28, -N(R28)COR29, represents an aliphatic group or an aromatic group, an aryl group, -COOR27, -OR27, -NR27R28, -N(R28)COR29, represents an aliphatic group or an aromatic group or an ar

IPC 1-7

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Citation (search report)

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- [Y] DE 3720138 A1 19880121 FUJI PHOTO FILM CO LTD [JP]
- [Y] EP 0123983 A2 19841107 FUJI PHOTO FILM CO LTD [JP]
- [YD] PATENT ABSTRACTS OF JAPAN vol. 11, no. 340 (P-634)(2787) 07 November 1987, & JP-A-62 123454 (FUJI) 04 June 1987,

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