

Title (en)

Stabilizers for use in substantially light-insensitive thermographic recording materials.

Title (de)

Stabilisatoren zur Verwendung in thermographischen Aufzeichnungsmaterialien die im wesentlichen lichtunempfindlich sind

Title (fr)

Stabilisateurs pour emploi en matériaux thermographiques d'enregistrement sensiblement non-sensibles à la lumière

Publication

EP 1420293 A1 20040519 (EN)

Application

EP 03104030 A 20031030

Priority

- EP 03104030 A 20031030
- EP 02102586 A 20021114

Abstract (en)

A substantially light-insensitive black and white monosheet thermographic recording material comprising a support and a thermosensitive element, the thermosensitive element containing a substantially light-insensitive organic silver salt, an organic reducing agent therefor in thermal working relationship therewith, a binder and at least one stabilizer selected from the group consisting of 1-(5-mercapto-1-tetrazolyl)-acetyl compounds represented by formula (I): <CHEM> wherein R is -NR<2>R<3>, -OR<4> or an optionally substituted aryl or heteroaryl group; R<2> is hydrogen or an optionally substituted alkyl, aryl or heteroaryl group; R<3> is an optionally substituted aryl or heteroaryl group; and R<4> is an optionally substituted aryl group; and compounds with two or more groups represented by formula (II) : <CHEM> where Q comprises the necessary atoms to form a 5- or 6-membered unsaturated heterocyclic ring, A is hydrogen, a counterion to compensate the negative charge of the thiolate group or two or more A groups provide a linking group between the two or more groups represented by formula (II).

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CPC (source: EP)

G03C 1/49845 (2013.01); **G03C 1/4989** (2013.01); **G03C 2200/40** (2013.01)

Citation (search report)

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DOCDB simple family (application)

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