

Title (en)

Thermographic recording material with improved image density and/or image gradation upon thermal development

Title (de)

Thermographisches Aufzeichnungsmaterial mit verbesserter Bilddichte und/oder Gradation bei der thermischen Entwicklung

Title (fr)

Matériau d'enregistrement thermographique à densité d'image et/ou gradation améliorée pendant le développement thermique

Publication

EP 0921434 B1 20030709 (EN)

Application

EP 98203791 A 19981110

Priority

- EP 98203791 A 19981110
- EP 97203833 A 19971206
- US 7267598 P 19980127

Abstract (en)

[origin: EP0921434A1] A recording material exclusive of a thermal bleachable dye comprising a support and a thermosensitive element comprising an organic silver salt, an organic reducing agent therefor in thermal working relationship therewith and a binder, characterized in that the recording material is exclusive further contains non-halide-ion-containing arylonium compound exclusive of compounds according to formula (I): <CHEM> wherein La is a valence bond or a divalent or trivalent linking group, L2 is an alkylene group, each of Ra and Rb is a hydrogen atom or monovalent substituent group, M1 is an onium ion, Ra and Rb may form a ring taken together and D is an electron donative group of atoms, with the proviso that where D is a hydrazino group which is not a part of a semicarbazido group, no oxo group is substituted to the carbon atom which is directly attached to a nitrogen atom of the hydrazine; and a recording process therefor.

IPC 1-7

G03C 1/498

IPC 8 full level

G03C 1/498 (2006.01)

CPC (source: EP)

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

Citation (examination)

- Encyclopedia of Chemistry, S.P.Parker, page 432, New York 1983
- Dictionary of Scientific and Technical Terms, S.P.Parker, page 1318, New York
- Hackh's Chemical Dictionary, J.Grant, page 473, New York

Cited by

EP1484641A1; EP1158355A1

Designated contracting state (EPC)

DE FR GB

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