

Title (en)

Thermographic recording material with improved image tone

Title (de)

Thermographisches Aufzeichnungsmaterial mit verbessertem Bildton

Title (fr)

Matériau thermographique d'enregistrement avec ton de l'image amélioré

Publication

EP 1211093 A1 20020605 (EN)

Application

EP 01000630 A 20011114

Priority

- EP 01000630 A 20011114
- EP 00204255 A 20001130

Abstract (en)

A substantially light-insensitive black and white thermographic recording material comprising a support and a thermosensitive element exclusive of bisphenol compounds, 4-substituted isoxazole compounds of the formula <CHEM> wherein R represents an aromatic group or an electron withdrawing group, organic compounds represented by R<3>-H, the corresponding radical of which, R<3>•, has a stability of from 350 to 6000 times that of a primary alkyl radical, and photosensitive active-hydrogen aromatic organic reducing agents, the thermosensitive element containing at least one substantially light-insensitive organic silver salt, an organic reducing agent therefor in thermal working relationship therewith, an image tone stabilizer and a binder, characterized in that the image tone stabilizer is a sterically hindered monophenol; a recording process therefor; and the use of a sterically hindered monophenol in a substantially light-insensitive thermographic recording material as an image tone stabilizer.

IPC 1-7

B41M 5/32; **B41M 5/30**

IPC 8 full level

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CPC (source: EP)

B41M 5/3375 (2013.01); **G03C 1/49845** (2013.01); **G03C 1/4989** (2013.01); **B41M 5/30** (2013.01)

Citation (search report)

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