

Title (en)

Thermographic recording materials

Title (de)

Thermographischen Aufzeichnungsmaterialien

Title (fr)

Matériaux d'enregistrements thermographiques

Publication

EP 0978760 B1 20030702 (EN)

Application

EP 99202007 A 19990623

Priority

- EP 99202007 A 19990623
- EP 98202688 A 19980807

Abstract (en)

[origin: EP0978760A1] A substantially light-insensitive black and white monosheet thermographic recording material comprising a support and a thermosensitive element containing a substantially light-insensitive organic silver salt, a 1,2-dihydroxyphenyl-compound in thermal working relationship therewith and a binder, characterized in that the 1,2-dihydroxyphenyl-compound is represented by formula (I): <CHEM> where n is 0 or 1; R is -(C=O)R<1>, -(C=O)NR<1>R<2>, -CN, -SO₃R<2>, -SO₂R<2>, -SOR<2>, -SO₂NR<2>R<3> or -PO₃R<2>R<3>; R<1> is H or a substituted or unsubstituted alkyl group with 12 or less carbon atoms; and R<2> and R<3> are independently H or an alkyl, a substituted alkyl, an aryl or a substituted aryl group; and R<1> and R<2> together can provide the atoms to close a carbocyclic or heterocyclic ring; and R<2> and R<3> together can represent the atoms to close a carbocyclic or heterocyclic ring; and a recording process therefor.

IPC 1-7

G03C 1/498

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1245403A1; EP1245404A1; US6774084B2; US6798439B2; US6759367B2

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