

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
G03C 1/498 (2006.01)

CPC (source: EP)
G03C 1/49827 (2013.01); **G03C 1/4989** (2013.01); **G03C 2200/45** (2013.01)

Cited by
EP1245403A1; EP1245404A1; US6774084B2; US6798439B2; US6759367B2

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
EP 0978760 A1 20000209; EP 0978760 B1 20030702

DOCDB simple family (application)
EP 99202007 A 19990623