

Title (en)

Thermally processed image recording material

Title (de)

Wärmeentwickelbares Bildaufzeichnungsmaterial

Title (fr)

Matériau d'enregistrement développable par la chaleur

Publication

EP 1072948 B1 20170705 (EN)

Application

EP 00114958 A 20000719

Priority

JP 20533099 A 19990719

Abstract (en)

[origin: EP1072948A1] A thermally processed image recording material which comprises, on a support, at least (a) a reducible silver salt, (b) a reducing agent, (c) a binder, and (d) at least one kind of compound having a melting point of 115 DEG C to 180 DEG C and/or a log P value of 3.0 to 7.0 which is selected from the group consisting of polyhalogenated compounds represented by the following formula (1) and dimer compounds thereof: <CHEM> wherein Z<1> and Z<2> independently represent a halogen atom, X<1> represents a hydrogen atom or an electron withdrawing group, Y<1> represents -CO- group or -SO₂-, Q represents an arylene group which may have one or more substituents or a divalent heterocyclic group which may have one or more substituents, L<1> represents -CONH-*, -SO₂NH-* or -COO-* where * represents a bonding site for W, L<2> represents -O-, an alkylene group, an arylene group or a combination thereof, W represents a hydrogen atom, an alkyl group, an alkenyl group, an alkynyl group, an aryl group or a heterocyclic group where the groups mentioned in the definition of W may have one or more substituents, and n represents 0 or 1.

IPC 8 full level

G03C 1/498 (2006.01)

CPC (source: EP)

G03C 1/49845 (2013.01); **G03C 1/34** (2013.01); **G03C 1/49836** (2013.01)

Cited by

EP1199596A3; EP1818718A3; EP1308776A3; US7135276B2

Designated contracting state (EPC)

DE

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