

Title (en)

Thermographic recording material with improved image tone.

Title (de)

Thermographisches Aufzeichnungsmaterial mit verbessertem Bildton

Title (fr)

Matériau thermographique d'enregistrement avec ton d'image amélioré

Publication

EP 1245403 B1 20070103 (EN)

Application

EP 01000095 A 20010329

Priority

EP 01000095 A 20010329

Abstract (en)

[origin: EP1245403A1] A monosheet black and white substantially light-insensitive thermographic recording material comprising a thermosensitive element and a support, the 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 said 1,2-dihydroxyphenyl-compound is represented by formula (I) : $R_{<1>}SO_2R_{<2>}$, wherein $R_{<1>}$ is an optionally substituted aryl group and $R_{<2>}$ is selected from the group consisting of a 3,4,5-trihydroxyphenyl group, a 3-alkoxy-4,5-dihydroxyphenyl group and a 3-aryloxy-4,5-dihydroxyphenyl group; or said 1,2-dihydroxyphenyl-compound is represented by formula (II): $R_{<3>}COOR_{<4>}$, wherein $R_{<3>}$ is a 3-alkoxy-4,5-dihydroxyphenyl group or a 3-aryloxy-4,5-dihydroxyphenyl group; and $R_{<4>}$ is an alkyl group or an aryl group; and a thermographic recording process therefor.

IPC 8 full level

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CPC (source: EP)

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