

Title (en)

Thermographic recording material which improved tone reproduction

Title (de)

Wärmeempfindliches Aufzeichnungsmaterial mit verbesserter Tonwiedergabe

Title (fr)

Matériel thermographique pour l'enregistrement avec reproduction améliorée du ton

Publication

EP 0782043 B1 20030115 (EN)

Application

EP 96203640 A 19961219

Priority

- EP 96203640 A 19961219
- EP 95203634 A 19951227

Abstract (en)

[origin: EP0782043A1] A recording material for producing high contrast images comprising at least one thermosensitive element, comprising a layer comprising a substantially light-insensitive organic silver salt in at least one binder and in thermal working relationship therewith an organic reducing agent therefor, on a support, characterized in that the recording material is light-insensitive and the layer contains colloidal particles comprising silicon dioxide at a coating weight given by expression (1): $\frac{AGOS}{B+S} \geq 0.01$ wherein B represents the total weight of all binders in the layer, AGOS represents the total weight of organic silver salt in the layer and S represents the weight of the colloidal particles in the layer; and wherein a protective layer is optionally applied to the thermosensitive element being thereby an outermost layer of the recording material.

IPC 1-7

G03C 1/498; B41M 5/38

IPC 8 full level

G03C 1/498 (2006.01)

CPC (source: EP)

G03C 1/4989 (2013.01); **G03C 1/32** (2013.01); **G03C 1/7614** (2013.01); **G03C 1/825** (2013.01); **G03C 1/85** (2013.01); **G03C 2001/7488** (2013.01); **G03C 2001/7628** (2013.01)

Cited by

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