

## 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 A1 19970702 (EN)**

## Application

**EP 96203640 A 19961219**

## Priority

- EP 96203640 A 19961219
- EP 95203634 A 19951227

## Abstract (en)

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):  $\frac{B \cdot S}{B + S}$  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

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