

Title (en)

Method for the formation of a heat mode image without pinhole defect

Title (de)

Verfahren zur fehlerfreien Herstellung eines Bildes nach dem Wärmeverfahren

Title (fr)

Procédé pour la formation d'images par voie thermique sans trous d'épingles

Publication

**EP 0775594 A1 19970528 (EN)**

Application

**EP 95203208 A 19951122**

Priority

EP 95203208 A 19951122

Abstract (en)

A method is disclosed for the formation of a heat mode image strongly improved for pinhole defect. A thermal imaging medium contains, apart from its image forming layer and several auxiliary layers, also a reducible organic metal salt layer, preferably a silver behenate layer. After information-wise laser exposure, lamination of a stripping sheet and delamination a negative heat mode is obtained. By means of an overall post-exposure of this image the pinholes in full recorded areas disappear due to reduction of the metal salt. In an alternative embodiment the metal salt layer is not present in the original thermal imaging medium but applied as part of a separate laminate on top of the processed negative heat mode image.

IPC 1-7

**B41M 5/40**; **B41M 5/38**; **G03C 1/498**

IPC 8 full level

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CPC (source: EP)

**B41M 5/48** (2013.01); **G03C 1/4989** (2013.01)

Citation (search report)

- [Y] EP 0599368 A1 19940601 - AGFA GEVAERT NV [BE]
- [Y] WO 9500342 A1 19950105 - AGFA GEVAERT NV [BE], et al
- [Y] "IMPROVED THERMAL IMAGING MEDIUM", RESEARCH DISCLOSURE, no. 374, 1 June 1995 (1995-06-01), pages 378 - 383, XP000519431

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DE

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