

Title (en)

Black and white thermographic recording material with improved image tone

Title (de)

Thermographisches Schwarz-Weiss-Aufzeichnungsmaterial mit verbessertem Bildton

Title (fr)

Matériau d'enregistrement thermographique noir et blanc ayant un ton de l'image amélioré

Publication

EP 1006405 A1 20000607 (EN)

Application

EP 99204003 A 19991124

Priority

- EP 99204003 A 19991124
- EP 98204016 A 19981130

Abstract (en)

A substantially light-insensitive black and white monosheet thermographic recording material comprising a support and a thermosensitive element provided with a protective layer, the thermosensitive element containing a substantially light-insensitive organic silver salt, a 1,2-dihydroxy-benzene derivative in thermal working relationship therewith and a first polymer having active hydrogen atoms at least part of which has reacted with a first polyisocyanate selected from the group consisting of: hexamethylene diisocyanate, toluene diisocyanate, diphenylmethane diisocyanat, naphthylene diisocyanate and triphenylmethane-p,p',p"-trityl triisocyanate; and the protective layer being exclusive of fluorine-containing compounds; and a thermographic recording process therefor.

IPC 1-7

G03C 1/498

IPC 8 full level

G03C 1/498 (2006.01)

CPC (source: EP)

G03C 1/4989 (2013.01); **G03C 1/30** (2013.01); **G03C 1/49863** (2013.01)

Citation (search report)

- [X] US 5710095 A 19980120 - HORSTEN BARTHOLOMEUS CYRIEL [BE], et al & WO 9512495 A1 19950511 - AGFA GEVAERT NV [BE], et al
- [X] US 5686228 A 19971111 - MURRAY THOMAS J [US], et al
- [AD] US 5468603 A 19951121 - KUB THOMAS J [US]

Cited by

EP1158355A1; US6677274B2; US7297658B2; WO2007001807A1

Designated contracting state (EPC)

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