

Title (en)

Thermosensitive recording method

Title (de)

Wärmeempfindliches Aufzeichnungsverfahren

Title (fr)

Méthode pour l'enregistrement par la chaleur

Publication

EP 0687572 B1 19970820 (EN)

Application

EP 95201340 A 19950523

Priority

- EP 95201340 A 19950523
- EP 94201717 A 19940615

Abstract (en)

[origin: EP0687572A1] A direct thermal imaging process wherein a non-photosensitive direct thermal recording material is heated dot-wise, and said direct thermal recording material comprises an imaging layer containing uniformly distributed in a film-forming polymeric binder (i) one or more substantially light-insensitive organic silver salts, said silver salt(s) being uniformly in thermal working relationship with (ii) one or more organic reducing agents therefor, however neither including 3,5-dihydroxybenzoic acid as acidic reagent nor di-tert-butyl-p-cresol as a sole reducing agent, characterized in that said imaging layer contains at least one polycarboxylic acid and/or anhydride thereof in a molar percentage of at least 20 with respect to said silver salt(s).

IPC 1-7

B41M 5/32; **G03C 1/498**

IPC 8 full level

B41M 5/32 (2006.01); **G03C 1/498** (2006.01)

CPC (source: EP)

G03C 1/4989 (2013.01); **G03C 1/49827** (2013.01); **G03C 1/49845** (2013.01); **G03C 2200/26** (2013.01)

C-Set (source: EP)

G03C 1/49845 + **G03C 2200/26**

Cited by

US5928856A; EP1006000A1; EP0901040A1; US5928855A; US6066445A; US5922528A; US5994052A; EP0782043A1; US6244766B1; WO0032403A1; WO9852100A1; EP1059560A1; EP1158355A1

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