

Title (en)
Heat-sensitive recording material.

Title (de)
Wärmeempfindliches Aufzeichnungsmaterial.

Title (fr)
Matériel d'enregistrement sensible à la chaleur.

Publication
EP 0262953 A2 19880406 (EN)

Application
EP 87308670 A 19870930

Priority
JP 23576586 A 19861003

Abstract (en)
A transparent support (e.g. of a polyester film) of thickness 20-200 μ m, is coated on one side in amount of 0.01-5 g/m² with a matting layer containing an ester resin which is solubilized in an organic solvent (e.g. a polyester resin), and particles of size 0.01-5 μ m of organic and/or organic particles (e.g. silica or polyacrylonitrile). The other side can be activated and is coated in order with (a) an underlayer (e.g. gelatin), (b) a heat-sensitive recording layer containing a diazo compound and a coupling component, preferably one of these being microencapsulated, and optionally additives to improve color formation, and/or a heat-fusible substance, and (c) an overcoating layer which is preferably hardened and may contain white pigment or a dye. The resultant heat-sensitive material is subjected to recording through layer (c) from a thermal head and the image is viewed in reverse through the support. With a pencil writing can be performed on the matt surface.

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B41M 5/26

IPC 8 full level
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CPC (source: EP)
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Cited by
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