

Title (en)  
HEAT-SENSITIVE RECORDING MATERIAL

Publication  
**EP 0262953 A3 19890906 (EN)**

Application  
**EP 87308670 A 19870930**

Priority  
JP 23576586 A 19861003

Abstract (en)  
[origin: EP0262953A2] A transparent support (e.g. of a polyester film) of thickness 20-200  $\mu\text{m}$ , is coated on one side in amount of 0.01-5 g/m<sup>2</sup> 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  $\mu\text{m}$  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.

IPC 1-7  
**B41M 5/26**

IPC 8 full level  
**B41M 5/382** (2006.01); **B41M 5/28** (2006.01); **B41M 5/30** (2006.01); **B41M 5/40** (2006.01); **B41M 5/41** (2006.01); **G03C 1/52** (2006.01)

CPC (source: EP)  
**G03C 1/52** (2013.01)

Citation (search report)  

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- [A] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 45 (M-118)[923], 20th March 1982; & JP-A-56 159 198 (DAINIPPON INSATSU K.K.) 08-12-1981

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**EP 0262953 A2 19880406; EP 0262953 A3 19890906**; JP H0688453 B2 19941109; JP S6389382 A 19880420

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**EP 87308670 A 19870930**; JP 23576586 A 19861003