

Title (en)

HEAT-SENSITIVE RECORDING MATERIALS AND METHOD FOR AUTHENTICITY CHECKING

Title (de)

WÄRMEEMPFLINDLICHE AUFZEICHNUNGSMATERIALIEN UND VERFAHREN ZUR AUTHENTIZITÄTSPRÜFUNG

Title (fr)

MATERIAUX D'IMPRESSION THERMOSENSIBLES ET PROCEDE DE VERIFICATION D'AUTHENTICITE

Publication

**EP 1032498 A1 20000906 (DE)**

Application

**EP 99944434 A 19990819**

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- EP 9906060 W 19990819

Abstract (en)

[origin: US6632773B1] A method of checking the authenticity of a heat-sensitive recording material having a carrier paper with a recording layer which is arranged on one face and which contains colorant formers and organic colorant acceptors that react with one another when heated; and a security feature provided as a water-soluble dye which fluoresces under UV radiation, the dye being applied without binder in a pattern, invisible under daylight, to a surface of a face of the carrier paper opposite the face provided with the recording layer, so that the entire surface has the pattern, the water-soluble dye being applied at a mass per unit area between 0.01 and 40 mg/m<HIL><2</SP><PDAT>, the method comprising the step of wetting the surface of the layer opposite the recording layer with an alkaline substance.</PTEXT>

IPC 1-7

**B41M 5/30**; **B41M 3/14**; **B41M 3/00**; **B41M 7/00**; **B41M 5/40**; **D21H 21/46**

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