

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 B1 20020724 (DE)

Application

EP 99944434 A 19990819

Priority

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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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US 6632773 B1 20031014; AT E220997 T1 20020815; DE 59902110 D1 20020829; EP 1032498 A1 20000906; EP 1032498 B1 20020724; ES 2181470 T3 20030216; JP 2002526302 A 20020820; JP 4372353 B2 20091125; WO 0016986 A1 20000330

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