

Title (en)  
HEAT SENSITIVE RECORDING MATERIAL WITH SECURITY FEATURE

Title (de)  
WÄRMEEMPFLINDLICHES AUFZEICHNUNGSMATERIAL MIT SICHERHEITSMERKMAL

Title (fr)  
MATERIAU D'ENREGISTREMENT THERMOSENSIBLE AVEC UNE CARACTÉRISTIQUE DE SÉCURITÉ

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Application  
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Abstract (en)  
[origin: WO2010119089A1] The invention relates to a heat-sensitive recording material, comprising a substrate paper having a heat-sensitive recording layer arranged on one side. A particulate, water-insoluble azo dye and/or planchettes in which a particulate, water-insoluble azo dye is dispersed are embedded in the substrate paper. Alternatively or additionally, a particulate, water-insoluble azo dye is dispersed in the heat-sensitive recording layer. If the paper product is treated with organic solvents in the course of a manipulation attempt, the dye particles are dissolved. The recording material is intensely discolored, and the manipulation attempt is irreversibly indicated.

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