

Title (en)
HEAT-SENSITIVE RECORDING SHEET WITH A SECURITY ELEMENT IN THE FORM OF PRESSURE-SENSITIVE MICROCAPSULES

Title (de)
WÄRMEEMPFINDLICHER AUFZEICHNUNGSBOGEN MIT DRUCKEMPFINDLICHEN MIKROKAPSELN ALS SICHERHEITSELEMENT

Title (fr)
FEUILLE D'IMPRESSION THERMOSENSIBLE COMPORTANT DES MICROCAPSULES SENSIBLES A LA PRESSION UTILISEES COMME ELEMENT DE SECURITE

Publication
EP 1028853 A1 20000823 (DE)

Application
EP 99944458 A 19990820

Priority
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• EP 9906122 W 19990820

Abstract (en)
[origin: US6440898B1] A heat-sensitive recording sheet having a substrate with a heat-sensitive recording layer which contains color formers and color acceptors which react with one another under the action of heat. In order to permit the detection of counterfeited documents without the additional use of aids such as UV lamps or chemicals, present in the heat-sensitive recording layer, as a security element, are pressure-sensitive microcapsules which contain one or more color formers in a solvent. The color formers react with the color acceptors, forming a color, after destruction of the microcapsules.

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B41M 5/30; B41M 3/14; B41M 5/124

IPC 8 full level
B41M 5/28 (2006.01); **B41M 3/14** (2006.01); **B41M 5/124** (2006.01); **B41M 5/165** (2006.01); **B41M 5/30** (2006.01)

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See references of WO 0012321A1

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