

Title (en)

Heat-sensitive recording material with authentication feature

Title (de)

Wärmeempfindliches Aufzeichnungsmaterial mit Authentifikationsmerkmal

Title (fr)

Matériel d'enregistrement sensible à la chaleur doté d'une marque d'authentification

Publication

EP 1925459 A3 20090107 (DE)

Application

EP 07121262 A 20071122

Priority

DE 102006056003 A 20061124

Abstract (en)

[origin: EP1925459A2] Heat sensitive recording material with authentication, comprises a substrate and a color former and color acceptors containing heat sensitive recording layer, where the recording material exhibits an additional layer with not colored as authentication, in water and/or in alcohol soluble solid particles, and the solid particles are reactive in an strong alkaline aqueous solution.

IPC 8 full level

B41M 5/337 (2006.01)

CPC (source: EP)

B41M 5/3375 (2013.01); **B41M 5/42** (2013.01); **B41M 5/3275** (2013.01); **B41M 5/3333** (2013.01); **B41M 5/423** (2013.01); **B41M 5/426** (2013.01); **B41M 2205/04** (2013.01); **B41M 2205/38** (2013.01); **B41M 2205/40** (2013.01)

Citation (search report)

- [A] EP 1041448 A1 20001004 - TOSHIBA KK [JP]
- [A] US 3916068 A 19751028 - KOHMURA ISAO, et al
- [A] JP H10109477 A 19980428 - NAIGAI CARBON INK
- [A] DE 19842867 A1 20000330 - STORA SPEZIALPAPIERE GMBH [DE]

Cited by

CN111655501A; KR20200112943A; US11752793B2; WO2019149806A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1925459 A2 20080528; **EP 1925459 A3 20090107**; **EP 1925459 B1 20140312**; DE 102006056003 A1 20080529;
DE 102006056003 B4 20080814

DOCDB simple family (application)

EP 07121262 A 20071122; DE 102006056003 A 20061124