

Title (en)
Heat sensitive recording material

Title (de)
Wärmeempfindliches Aufzeichnungsmaterial

Title (fr)
Matériau d'enregistrement sensible à la chaleur

Publication
EP 2033801 B1 20100224 (DE)

Application
EP 07017651 A 20070910

Priority
EP 07017651 A 20070910

Abstract (en)
[origin: EP2033801A1] A heat-sensitive recording material has a heat-sensitive recording layer containing a dye precursor and a dye acceptor, provided on one or both sides of a substrate. The dye precursor and the dye acceptor react in presence of heat to form a dye. The heat-sensitive recording layer contains N-(p-toluene sulfonyl)-N'-3-(p-toluene sulfonyl-oxy-phenyl)-urea as the dye acceptor and 2-(2H-benzotriazol-2-yl)-p-cresol as sensitizer.

IPC 8 full level
B41M 5/333 (2006.01); **B41M 5/337** (2006.01)

CPC (source: EP)
B41M 5/3333 (2013.01); **B41M 5/3375** (2013.01); **B41M 5/3335** (2013.01)

Cited by
EP2505374A1; DE102008057270A1; EP2574645A1; WO2013045164A1; WO2013041302A1

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

DOCDB simple family (publication)
EP 2033801 A1 20090311; **EP 2033801 B1 20100224**; AT E458621 T1 20100315; DE 502007002945 D1 20100408; ES 2339167 T3 20100517; WO 2009033589 A1 20090319

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EP 07017651 A 20070910; AT 07017651 T 20070910; DE 502007002945 T 20070910; EP 2008007150 W 20080902; ES 07017651 T 20070910