

Title (en)

Heat sensitive recording material

Title (de)

Wärmeempfindliches Aufzeichnungsmaterial

Title (fr)

Matériel d'enregistrement sensible à la chaleur

Publication

EP 2112000 B1 20110119 (DE)

Application

EP 08007917 A 20080424

Priority

- EP 08007917 A 20080424
- JP 2008083757 A 20080327

Abstract (en)

[origin: EP2112000A1] Heat-sensitive recording material comprises a substrate comprising a heat-sensitive recording layer on at least one side, where: the heat-sensitive recording layer contains an isocyanate components, and a leuco dye system comprising dye precursor and a dye acceptor reacting with each other under the influence of heat to form a dye; the dye acceptor comprises at least N-(para-toluenesulfonyl)-N'-3-(para-toluenesulfonyl-oxyphenyl) urea; and the heat-sensitive recording layer comprises an imino component that forms an anti-fade system together with the isocyanate components.

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)

Cited by

WO2012107504A1; WO2012107507A1; EP2487043A1; EP2487044A1; EP3031611A1; JP2020520833A; US9079444B2

Designated contracting state (EPC)

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