

Title (en)

Heat-sensitive recording material with a novel dye-acceptor combination

Title (de)

Wärmeempfindliches Aufzeichnungsmaterial mit einer neuartigen Farbakzeptor-Kombination

Title (fr)

Matériel d'enregistrement thermosensible doté d'une combinaison d'absorbants de couleur d'un nouveau type

Publication

**EP 2910384 B1 20160921 (DE)**

Application

**EP 14156227 A 20140221**

Priority

EP 14156227 A 20140221

Abstract (en)

[origin: WO2015124462A1] The invention relates to a heat-sensitive recording material, comprising a substrate in sheet form, having a front face and an opposing rear face; at least one heat-sensitive recording layer on at least one of the faces of the substrate in sheet form, characterised in that the heat-sensitive recording layer contains as colour acceptor a combination consisting at least of one, two, three, or more than three colour acceptor (compounds) of formula (1) in which R is an alkyl group, and at least one secondary colour acceptor containing oligomers of lactic acid according to formula (3).

IPC 8 full level

**B41M 5/333** (2006.01)

CPC (source: EP KR US)

**B41M 5/3275** (2013.01 - US); **B41M 5/333** (2013.01 - EP KR US); **B41M 5/3331** (2013.01 - EP KR US); **B41M 5/3333** (2013.01 - EP KR US); **B41M 5/3335** (2013.01 - EP KR US); **B41M 2205/04** (2013.01 - EP KR US)

Cited by

US11084308B2; EP3482964A1; CN108290435A; EP3482963A1; EP3505358A1; WO2019091813A1; WO2018130576A1; WO2017081064A1

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DOCDB simple family (publication)

**EP 2910384 A1 20150826**; **EP 2910384 B1 20160921**; CN 106061747 A 20161026; CN 106061747 B 20190820; ES 2606479 T3 20170324; KR 20160130406 A 20161111; US 2017043601 A1 20170216; US 9931877 B2 20180403; WO 2015124462 A1 20150827

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