

Title (en)

HEAT-SENSITIVE RECORDING MATERIAL FOR OFFSET PRINTING

Title (de)

WÄRMEEMPFINDLICHES AUFZEICHNUNGSMATERIAL ZUR OFFSET-BEDRUCKUNG

Title (fr)

MATÉRIAU D'ENREGISTREMENT THERMOSENSIBLE POUR L'IMPRESSION OFFSET

Publication

**EP 3237219 A1 20171101 (DE)**

Application

**EP 15703042 A 20150129**

Priority

- EP 14200247 A 20141223
- EP 2015051865 W 20150129

Abstract (en)

[origin: WO2016102076A1] A proposal is made for a heat-sensitive recording material suitable for offset printing and comprising a sheetlike substrate (1), having a facing side and a reverse side opposite from the facing side; a heat-sensitive recording layer (3) disposed on one at least of the two sides of the sheetlike substrate (1), said heat-sensitive recording layer (3) comprising at least one dye precursor and at least one (colour-)developer reactive with said at least one dye precursor; the new heat-sensitive recording material is characterized in that the at least one heat-sensitive recording layer (3) disposed on one at least of the two sides of the substrate (1) comprises particles (4) with an organic surface whose extent in the direction of the thickness of sheetlike substrate (1) and heat-sensitive recording layer (3) is greater than the thickness of the heat-sensitive recording layer (3).

IPC 8 full level

**B41M 5/337** (2006.01)

CPC (source: CN EP KR RU US)

**B41M 5/3275** (2013.01 - KR); **B41M 5/3336** (2013.01 - KR); **B41M 5/337** (2013.01 - RU); **B41M 5/3372** (2013.01 - CN EP KR US); **B60H 1/00** (2013.01 - US); **B60L 50/00** (2019.01 - EP US); **G06F 3/002** (2013.01 - US); **B41M 5/3275** (2013.01 - CN EP US); **B41M 5/3336** (2013.01 - CN EP US); **B41M 5/337** (2013.01 - CN EP US); **B41M 2205/04** (2013.01 - US)

Citation (search report)

See references of WO 2016102076A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016102076 A1 20160630**; CN 107107641 A 20170829; CN 107107641 B 20200403; EP 3237219 A1 20171101; JP 2018505793 A 20180301; JP 2019151116 A 20190912; JP 6571778 B2 20190904; KR 102387699 B1 20220418; KR 20170098291 A 20170829; RU 2677706 C1 20190121; US 10202016 B2 20190212; US 2018001730 A1 20180104

DOCDB simple family (application)

**EP 2015051865 W 20150129**; CN 201580070294 A 20150129; EP 15703042 A 20150129; JP 2017534741 A 20150129; JP 2019085929 A 20190426; KR 20177020354 A 20150129; RU 2017126009 A 20150129; US 201515538528 A 20150129