

Title (en)

Pressure-sensitive recording material and its' method of preparation

Title (de)

Druckempfindliches Aufzeichnungsmaterial und Verfahren zur Herstellung

Title (fr)

Matériel d'enregistrement sensible à la pression et procédé pour sa fabrication

Publication

**EP 2546066 B2 20180627 (DE)**

Application

**EP 11173923 A 20110714**

Priority

EP 11173923 A 20110714

Abstract (en)

[origin: EP2546066A1] The recording material comprises a web-shaped substrate having a front side as the first of the two substrate sides and a rear side as the second of the two substrate sides, and a pigmented coating formed from one of the two sides of the substrate. The coating is present on the rear side of the substrate, and comprises a zinc salicylate (5.5-11 wt.%) as color acceptor, a dye precursor, an inorganic pigment, a pigment mixture, a binder and a unit for hydrophobizing the coating on the rear side of the substrate. A ratio of the zinc salicylate and the inorganic pigment is 1:6.5-1:14. An independent claim is included for a process for producing a recording material for a pressure-induced formation of a typeface.

IPC 8 full level

**B41M 5/155** (2006.01); **B41M 5/124** (2006.01)

CPC (source: EP)

**B41M 5/124** (2013.01); **B41M 5/155** (2013.01)

Citation (opposition)

Opponent :

- DE 4224719 A1 19940203 - FELDMUEHLE AG STORA [DE]
- JP 2005111695 A 20050428 - JUJO PAPER CO LTD
- JP 2002347339 A 20021204 - OJI PAPER CO
- DE 3923586 A1 19900201 - KANZAKI PAPER MFG CO LTD [JP]
- CN 101373183 A 20090225 - DONGGUAN TIANSHENG SPECIAL PAP [CN]
- EP 0051846 A2 19820519 - JUJO PAPER CO LTD [JP]
- EP 0657300 A1 19950614 - ZANDERS FEINPAPIERE AG [DE]
- EP 0428994 B1 19990310 - SANKO KAIHATSU KAGAKU KENK [JP], et al
- US 4360548 A 19821123 - SKEES HUGH B, et al
- "Ullmanns Encyklopädie der technischen Chemie", vol. 4. AUFL., part BD. 18 1984, VERLAG CHEMIE, WEINHEIM, pages: 649 - 650

Cited by

DE102014108341A1; US10718089B2; EP2979888A1; US10131169B2

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

DOCDB simple family (publication)

**EP 2546066 A1 20130116; EP 2546066 B1 20140910; EP 2546066 B2 20180627**; EP 2546067 A1 20130116; EP 2546067 B1 20140409; EP 2546068 A1 20130116; EP 2546068 B1 20140910; ES 2477553 T3 20140717; ES 2525570 T3 20141226; ES 2525570 T5 20181107; PL 2546066 T3 20150227; PL 2546066 T5 20181031

DOCDB simple family (application)

**EP 11173923 A 20110714**; EP 12155798 A 20120216; EP 12175324 A 20120706; ES 11173923 T 20110714; ES 12155798 T 20120216; PL 11173923 T 20110714