

Title (en)

METHOD FOR PRODUCING THERMOSENSITIVE RECORDING MATERIAL AND RECORDING MATERIAL PRODUCED ACCORDING TO SAID METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES WÄRMEEMPFLINDLICHEN AUFZEICHNUNGSMATERIALS SOWIE EIN DURCH DAS VERFAHREN HERGESTELLTES AUFZEICHNUNGSMATERIAL

Title (fr)

PROCEDE POUR REALISER UN MATERIAU D'ENREGISTREMENT SENSIBLE A LA CHALEUR ET MATERIAU D'ENREGISTREMENT REALISE SELON CE PROCEDE

Publication

EP 1755901 A1 20070228 (DE)

Application

EP 05756012 A 20050610

Priority

- EP 2005006246 W 20050610
- DE 102004029261 A 20040617

Abstract (en)

[origin: WO2005123411A1] The invention relates to a method for producing thermosensitive recording material, comprising a carrier substrate and a thermal reaction layer containing a colour former and a colour developer. According to the invention, an application suspension, containing the starting materials of the thermal reaction layer, is applied to the carrier substrate and the carrier substrate is subsequently dried with the applied application suspension. Then the dried carrier substrate with the applied thermal reaction layer is guided through a smoothing mechanism in order to be smoothed, wherein the dried carrier substrate with the applied thermal reaction layer is pressed extensively against a roller by means of a predetermined contact pressure. The invention also relates to a recording material which is produced according to the inventive method.

IPC 8 full level

B41M 5/30 (2006.01); **D21G 1/00** (2006.01); **D21H 25/12** (2006.01)

CPC (source: EP US)

B41M 5/30 (2013.01 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005123411 A1 20051229; AT E415284 T1 20081215; DE 102004029261 A1 20060112; DE 102004029261 B4 20060518; DE 502005006074 D1 20090108; DK 1755901 T3 20090330; DK 1755901 T4 20170220; EP 1755901 A1 20070228; EP 1755901 B1 20081126; EP 1755901 B2 20161109; US 2008269047 A1 20081030; US 7833573 B2 20101116

DOCDB simple family (application)

EP 2005006246 W 20050610; AT 05756012 T 20050610; DE 102004029261 A 20040617; DE 502005006074 T 20050610; DK 05756012 T 20050610; EP 05756012 A 20050610; US 62994405 A 20050610