

Title (en)  
HEAT-SENSITIVE RECORDING MATERIAL

Title (de)  
HITZEEMPFLINDLICHES AUFZEICHNUNGSMATERIAL

Title (fr)  
MATÉRIAU D'ENREGISTREMENT THERMOSENSIBLE

Publication  
**EP 3103649 A4 20170222 (EN)**

Application  
**EP 15766003 A 20150306**

Priority  
• JP 2014052924 A 20140317  
• JP 2015056651 W 20150306

Abstract (en)  
[origin: EP3103649A1] The objective of the present invention is to provide a thermosensitive recording having an excellent heat discoloration resistance, especially an excellent heat discoloration resistance in the blank portions. Provided is a thermosensitive recording medium comprising (i) a support, (ii) an undercoat layer installed on the support comprising a pigment and a binder as main components, and (iii) a thermosensitive recording layer installed on the undercoat layer comprising a colorless or pale colored electron donating leuco dye and an electron accepting color developing agent as main components, wherein the pigment contained in the undercoat layer is a rosette type precipitated calcium carbonate comprising spindle-shaped primary particles aggregated radially to form secondary particles, and the bulk density of the rosette type precipitated calcium carbonate is 240 g/L or less.

IPC 8 full level  
**B41M 5/42** (2006.01)

CPC (source: EP)  
**B41M 5/426** (2013.01); **B41M 2205/04** (2013.01); **B41M 2205/38** (2013.01)

Citation (search report)  
• No further relevant documents disclosed  
• See references of WO 2015141497A1

Cited by  
US11376879B2; WO2021102312A1; US12115803B2

Designated contracting state (EPC)  
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