

Title (en)

THERMOSENSITIVE RECORDING MEDIUM

Title (de)

WÄRMEEMPFLINDLICHES AUFZEICHNUNGSMEDIUM

Title (fr)

SUPPORT D'ENREGISTREMENT THERMOSENSIBLE

Publication

EP 3103649 A1 20161214 (EN)

Application

EP 15766003 A 20150306

Priority

- JP 2014052924 A 20140317
- JP 2015056651 W 20150306

Abstract (en)

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)

Cited by

US11376879B2; WO2021102312A1

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Designated extension state (EPC)

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