

Title (en)
THERMOSENSITIVE RECORDING MEDIUM

Title (de)
WÄRMEEMPFLINDLICHES AUFZEICHNUNGSMEDIUM

Title (fr)
SUPPORT D'ENREGISTREMENT THERMOSENSIBLE

Publication
EP 3103649 B1 20180103 (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)

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B41M 5/426 (2013.01); **B41M 2205/04** (2013.01); **B41M 2205/38** (2013.01)

Citation (opposition)
Opponent : SCHAEFER KALK GmbH & Co. KG
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