

Title (en)

Thermosensitive recording medium and image processing method

Title (de)

WÄRMEEMPFLINDLICHES AUFZEICHNUNGSMEDIUM UND BILDVERARBEITUNGSVERFAHREN

Title (fr)

SUPPORT D'ENREGISTREMENT THERMOSENSIBLE ET PROCÉDÉ DE TRAITEMENT D'IMAGES

Publication

**EP 2921314 A3 20150930 (EN)**

Application

**EP 15159372 A 20150317**

Priority

JP 2014054739 A 20140318

Abstract (en)

[origin: EP2921314A2] A thermosensitive recording medium, including: a support (101); an image recording layer (102), which is provided on the support, and contains a leuco dye, a color developer, and a metal oxide having absorbance in the near infrared region; an oxygen barrier layer (104); and a light-blocking layer (103), wherein the oxygen barrier layer (104) and the light-blocking layer (103) are provided on the surface of the image recording layer, which is on the opposite side to the surface thereof where the support is provided, and wherein an average transmittance of the light-blocking layer (103) to light in a wavelength range of 300 nm to 400 nm is 5% or less, and an average transmittance of the light-blocking layer (103) to light in a wavelength range of 380 nm to 495 nm is 20% or less.

IPC 8 full level

**B41M 5/337** (2006.01); **B41M 5/30** (2006.01); **B41M 5/46** (2006.01); **B41M 5/323** (2006.01); **B41M 5/333** (2006.01)

CPC (source: EP)

**B41M 5/3377** (2013.01); **B41M 5/465** (2013.01); **B41M 5/305** (2013.01); **B41M 5/323** (2013.01); **B41M 5/333** (2013.01); **B41M 2205/04** (2013.01); **B41M 2205/18** (2013.01); **B41M 2205/38** (2013.01); **B41M 2205/40** (2013.01)

Citation (search report)

- [I] EP 2361783 A1 20110831 - RICOH CO LTD [JP] & JP 2011194883 A 20111006 - RICOH CO LTD
- [I] EP 2311643 A1 20110420 - RICOH CO LTD [JP]
- [I] EP 2311642 A1 20110420 - RICOH CO LTD [JP]
- [I] WO 2013176236 A1 20131128 - RICOH CO LTD [JP], et al

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CN109963722A; EP4063138A1; CN115107391A; EP3543032A4; CN110741287A; EP3753744A1; WO2020256870A1; US10768504B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2921314 A2 20150923; EP 2921314 A3 20150930; EP 2921314 B1 20201021; JP 2015193232 A 20151105**

DOCDB simple family (application)

**EP 15159372 A 20150317; JP 2015043476 A 20150305**