

Title (en)

A heat mode recording material and method for producing driographic printing plates

Title (de)

Im Wärmeverfahren arbeitendes Aufzeichnungsmaterial und Verfahren zur Herstellung von Druckplatten, welche kein Anfeuchtwasser benötigen

Title (fr)

Matériau d'enregistrement thermosensible et procédé pour la production de plaques lithographiques à sec

Publication

EP 0830940 B1 20020724 (EN)

Application

EP 97202779 A 19970910

Priority

- EP 97202779 A 19970910
- EP 96202602 A 19960918

Abstract (en)

[origin: EP0830940A1] The present invention provides a heat mode recording material comprising on a side of a support having an oleophilic surface (i) a recording layer containing a light-to-heat converting substance capable of converting radiation into heat and (ii) an oleophobic surface layer, wherein said oleophobic surface layer and said recording layer may be the same layer and on another side of the support a backing layer, characterized in that the maximum roughness depth R_t of the surface layer is at least 0.65 μm and/or the maximum roughness depth of the outer back layer is at least 1.20 μm .

IPC 1-7

B41C 1/10; **B41M 5/40**

IPC 8 full level

B41C 1/10 (2006.01)

CPC (source: EP)

B41C 1/1016 (2013.01); **B41C 2201/06** (2013.01); **B41C 2201/10** (2013.01); **B41C 2201/14** (2013.01); **B41C 2210/02** (2013.01); **B41C 2210/12** (2013.01); **B41C 2210/14** (2013.01); **B41C 2210/16** (2016.10); **B41C 2210/24** (2013.01)

Cited by

US6465152B1; US8198010B2; WO2009061995A1; EP0810467B1

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0830940 A1 19980325; **EP 0830940 B1 20020724**

DOCDB simple family (application)

EP 97202779 A 19970910