

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 0573091 A1 19931208 (EN)

Application

EP 93201354 A 19930511

Priority

- EP 93201354 A 19930511
- EP 92201633 A 19920605

Abstract (en)

The present invention provides a method for making a lithographic printing plate requiring no dampening liquid comprising the steps of: image-wise exposing using a laser beam a heat mode recording material comprising on a support having an oleophilic surface (i) a recording layer having a thickness of not more than 3 μ m and containing a substance capable of converting the laser beam radiation into heat and (ii) a cured oleophobic surface layer and wherein said recording layer and oleophobic surface layer may be the same layer; rubbing the exposed heat mode recording material thereby removing said oleophobic surface layer in the exposed areas so that the underlying oleophilic surface is exposed and avoiding the swelling of said oleophobic surface layer by carrying out said rubbing without the use of a liquid or with the use of a non-solvent for said oleophobic surface layer.

IPC 1-7

B41C 1/055; **B41C 1/10**; **B41M 5/26**; **B41M 5/36**; **B41M 5/40**

IPC 8 full level

B41C 1/10 (2006.01); **B41M 5/46** (2006.01); **B41N 1/00** (2006.01); **B41M 5/24** (2006.01); **B41M 5/40** (2006.01)

CPC (source: EP)

B41C 1/1033 (2013.01); **B41M 5/46** (2013.01); **B41N 1/003** (2013.01); **B41C 2210/16** (2016.10); **B41M 5/24** (2013.01); **B41M 5/465** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0685333 A2 19951206; **EP 0685333 A3 19960110**; EP 0573091 A1 19931208; EP 0573091 B1 19960320

DOCDB simple family (application)

EP 95201704 A 19930511; EP 93201354 A 19930511