

Title (en)

Method for making a negative working, heat-sensitive lithographic printing plate precursor.

Title (de)

Verfahren zur Herstellung einer negativarbeitenden, wärmeempfindlichen, lithographischen Druckplattenvorstufe

Title (fr)

Procédé pour la fabrication d'un précurseur de type négatif d'une plaque d'impression lithographique thermosensible

Publication

EP 1614538 A3 20060621 (EN)

Application

EP 05105726 A 20050628

Priority

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- EP 05105726 A 20050628

Abstract (en)

[origin: EP1614538A2] A method for making a heat-sensitive negative-working lithographic printing plate precursor is disclosed comprising the steps of (i) preparing a coating solution comprising hydrophobic thermoplastic polymer particles and a hydrophilic binder; (ii) applying said coating solution on a support having a hydrophilic surface or which is provided with a hydrophilic layer, thereby obtaining an image-recording layer; (iii) drying said image-recording layer; characterized in that said hydrophobic thermoplastic polymer particles have an average particle size in the range from 45 nm to 63 nm, and that the amount of said hydrophobic thermoplastic polymer particles in the image-recording layer is at least 70 % by weight relative to the dried image-recording layer.

IPC 8 full level

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