

Title (en)

A method for making a lithographic printing plate involving on-press development

Title (de)

Verfahren zur Herstellung einer lithographischen Druckplatte mit auf der Druckpresse stattfindender Entwicklung

Title (fr)

Procédé pour la fabrication d'une plaque lithographique avec développement sur presse

Publication

EP 1092555 A1 20010418 (EN)

Application

EP 00203621 A 19961010

Priority

- EP 00203621 A 19961010
- EP 96202817 A 19961010
- EP 95202873 A 19951024

Abstract (en)

The present invention provides a method for making a lithographic printing plate comprising the steps of: (1) image-wise exposing to light an imaging element comprising (i) on a hydrophilic surface of a lithographic base an image forming layer comprising hydrophobic thermoplastic polymer particles with a glass transition temperature T_g of at least 80 DEG C dispersed in a hydrophilic binder and (ii) a compound capable of converting light to heat, said compound being comprised in said image forming layer or a layer adjacent thereto; (2) and developing a thus obtained image-wise exposed imaging element by supplying an aqueous liquid and/or ink to the image forming layer, wherein step (2) and preferably also step (1) are carried out while the imaging element is mounted on a print cylinder of a printing press.

IPC 1-7

B41M 5/36; **B41C 1/10**

IPC 8 full level

B41C 1/10 (2006.01); **B41M 5/36** (2006.01)

CPC (source: EP)

B41C 1/1025 (2013.01); **B41M 5/366** (2013.01); **B41C 2210/04** (2013.01); **B41C 2210/08** (2013.01); **B41C 2210/24** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0770497 A1 19970502; **EP 0770497 B1 20020403**; EP 1092555 A1 20010418; EP 1092555 B1 20020821

DOCDB simple family (application)

EP 96202817 A 19961010; EP 00203621 A 19961010