

Title (en)

Method for erasing a lithographic printing master

Title (de)

Verfahren zur Erneuerung einer Flachdruckplatte

Title (fr)

Méthode de régénération d'une plaque d'impression lithographique

Publication

EP 1080942 B1 20031210 (EN)

Application

EP 99202799 A 19990831

Priority

EP 99202799 A 19990831

Abstract (en)

[origin: EP1080942A1] A method is disclosed for removing ink accepting areas of a printing surface of a lithographic printing master by treatment with an atmospheric plasma. Preferably, the plasma is directed to the printing surface as a plasma jet while the printing master is mounted on the plate cylinder of a printing press. The method enables to clean a support of a printing master and then reuse the cleaned support for making another printing master. Preferably, all the following steps are performed on-press : (i) making an imaging material by providing a support with an image recording layer; (ii) making a printing master having a printing surface comprising ink accepting areas by image-wise exposing and optionally developing the imaging material; (iii) starting a pressrun; (iv) a cleaning step using an atmospheric plasma and then repeating steps (i) to (iv).
<IMAGE>

IPC 1-7

B41N 3/00

IPC 8 full level

B41C 1/055 (2006.01); **B41M 1/06** (2006.01); **B41N 1/12** (2006.01); **B41N 3/00** (2006.01); **B41N 3/03** (2006.01); **B41C 1/10** (2006.01); **B41M 7/00** (2006.01)

CPC (source: EP)

B41N 3/006 (2013.01); **B41C 1/10** (2013.01)

Cited by

EP1736823A3; CN112630288A; WO03070463A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1080942 A1 20010307; **EP 1080942 B1 20031210**; **EP 1080942 B2 20091014**; DE 69913518 D1 20040122; DE 69913518 T2 20041111; JP 2001105763 A 20010417

DOCDB simple family (application)

EP 99202799 A 19990831; DE 69913518 T 19990831; JP 2000258756 A 20000829