

Title (en)

METHOD AND DEVICE FOR PRINTING WHEREIN THE PRINTING CYLINDER OR PLATE IS HYDROPHILIZED BY FREE IONS

Title (de)

VERFAHREN UND EINRICHTUNG ZUM DRUCKEN, WOBEI EINE HYDROPHILISIERUNG DES DRUCKTRAGERS DURCH FREIE IONEN ERFOLGT

Title (fr)

PROCEDE ET DISPOSITIF D'IMPRESSION, UNE HYDROPHILISATION DU SUPPORT D'IMPRESSION S'EFFECTUANT GRACE A DES IONS LIBRES

Publication

EP 1476304 B1 20081029 (DE)

Application

EP 03717187 A 20030218

Priority

- DE 10206946 A 20020219
- EP 0301623 W 20030218

Abstract (en)

[origin: WO03070463A1] The invention relates to a method and a device for generating a print image on a support material (40) by generating on the surface of a printing cylinder or plate (10) ink-attracting zones and ink-repelling zones corresponding to the distribution of a humidifier on said surface using a structuring process. Before the humidifier is applied to the surface of the printing cylinder or plate it is hydrophilized by impinging the surface with free ions.

IPC 8 full level

B41C 1/10 (2006.01); **B41N 3/00** (2006.01)

CPC (source: EP)

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03070463 A1 20030828; AT E412514 T1 20081115; DE 10206946 A1 20030904; DE 50310698 D1 20081211; EP 1476304 A1 20041117; EP 1476304 B1 20081029

DOCDB simple family (application)

EP 0301623 W 20030218; AT 03717187 T 20030218; DE 10206946 A 20020219; DE 50310698 T 20030218; EP 03717187 A 20030218