

Title (en)

Method and apparatus for the treatment of a reusable printing plate

Title (de)

Verfahren und Vorrichtung zum Behandeln einer wiederbebildbaren Druckform

Title (fr)

Procédé et appareil pour traitement d'une plaque d'impression réutilisable

Publication

EP 1700709 A3 20110119 (DE)

Application

EP 06101616 A 20060214

Priority

DE 102005011192 A 20050309

Abstract (en)

[origin: EP1700709A2] Method involves basically a cleaning (800) of the printing ink (410) by amphiphilic molecules (140,710), which are provided during the reusable procedure (600,700,750,200,250) of printing plate (110). The printing plate is provided with an amphiphilic molecule carrier (120). The printing plate is provided with amphiphilic molecules present in the aqueous solution. Independent claims are also included for the following: (A) Wet offset printing procedure; (B) Device for treatment of reusable printing plate; and (C) Print processing machine.

IPC 8 full level

B41C 1/10 (2006.01)

CPC (source: EP)

B41C 1/1033 (2013.01); **B41N 3/006** (2013.01); **B41N 3/08** (2013.01)

Citation (search report)

- [X] EP 1375136 A1 20040102 - HEIDELBERGER DRUCKMASCH AG [DE]
- [X] WO 03070461 A1 20030828 - OCE PRINTING SYSTEMS GMBH [DE], et al
- [A] EP 0963839 A1 19991215 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] EP 1177914 A2 20020206 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

EP1918121A3

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1700709 A2 20060913; EP 1700709 A3 20110119; EP 1700709 B1 20120516; CN 1830682 A 20060913; CN 1830682 B 20120111; DE 102005011192 A1 20060928; JP 2006248225 A 20060921; JP 4970809 B2 20120711

DOCDB simple family (application)

EP 06101616 A 20060214; CN 200610058969 A 20060309; DE 102005011192 A 20050309; JP 2006055635 A 20060302