

Title (en)
METHOD FOR INSERTING IMAGES ON PRINTING PLATES

Title (de)
VERFAHREN ZUR BEBILDERUNG VON DRUCKPLATTEN

Title (fr)
PROCEDE DE FORMATION D'IMAGES DE PLAQUES OFFSET

Publication
EP 1274582 B1 20031022 (DE)

Application
EP 01919146 A 20010222

Priority
• DE 0100697 W 20010222
• DE 10018547 A 20000414

Abstract (en)
[origin: WO0178984A1] The invention concerns a method for inserting images on printing plates, wherein a printing plate is prepared with an ink-accepting layer and an ink-repelling layer applied thereon. According to the invention, a developing fluid is sprayed on the ink-repelling layer by an ink-jet printing group in accordance with an image to be printed, by means of which the ink-repelling layer is etched or dissolved in the sprayed areas for swelling or adhesion promotion is eliminated. The etched or dissolved areas of the ink-repelling layer are removed. A waterless printing plate having an ink-repelling layer made of silicon is especially used.

IPC 1-7
B41C 1/10

IPC 8 full level
B41J 2/01 (2006.01); **B41C 1/10** (2006.01); **B41N 1/14** (2006.01)

CPC (source: EP US)
B41C 1/1066 (2013.01 - EP US); **B41C 1/1008** (2013.01 - EP US); **B41C 2210/16** (2016.10 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0178984 A1 20011025; AT E252454 T1 20031115; AU 4636001 A 20011030; CN 1218837 C 20050914; CN 1422212 A 20030604; DE 10018547 A1 20011025; DE 10018547 C2 20031120; DE 50100838 D1 20031127; EP 1274582 A1 20030115; EP 1274582 B1 20031022; JP 2003531029 A 20031021; RU 2241601 C2 20041210; US 2003085972 A1 20030508; US 6918663 B2 20050719

DOCDB simple family (application)
DE 0100697 W 20010222; AT 01919146 T 20010222; AU 4636001 A 20010222; CN 01807857 A 20010222; DE 10018547 A 20000414; DE 50100838 T 20010222; EP 01919146 A 20010222; JP 2001576268 A 20010222; RU 2002130571 A 20010222; US 24073602 A 20021010