

Title (en)

INTAGLIO PRINTING PLATE WITH INK RETAINING STRUCTURES

Title (de)

TIEFDRUCKPLATTE MIT TINTENHALTESTRUKTUREN

Title (fr)

PLAQUE D'IMPRESSION EN CREUX DOTEE DE STRUCTURES RETENANT L'ENCRE

Publication

EP 1534532 B1 20060719 (EN)

Application

EP 03784249 A 20030804

Priority

- GB 0303394 W 20030804
- GB 0218765 A 20020812

Abstract (en)

[origin: WO2004014660A1] An intaglio printing plate (2) has an array of imaging ink recesses (10); and, in each recess, an ink retaining structure comprising one or more regular arrays of raised elements (11) extending from the base of the recess to no more than 60 % of the height of the recess, ink retaining trenches extending between the raised elements, and wherein no more than 30 % of the area of the recess base is provided with raised elements.

IPC 8 full level

B41N 1/06 (2006.01); **B41M 1/10** (2006.01); **B41C 1/02** (2006.01); **B41M 3/14** (2006.01); **B41N 3/00** (2006.01)

CPC (source: EP)

B41M 1/10 (2013.01); **B41N 1/06** (2013.01); **B41C 1/02** (2013.01); **B41M 3/14** (2013.01); **B41N 3/003** (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 RO SE SI SK TR

DOCDB simple family (publication)

WO 2004014660 A1 20040219; AT E333377 T1 20060815; AU 2003251367 A1 20040225; CA 2495102 A1 20040219; CA 2495102 C 20110531; DE 60306936 D1 20060831; DE 60306936 T2 20061130; EP 1534532 A1 20050601; EP 1534532 B1 20060719; ES 2268458 T3 20070316; GB 0218765 D0 20020918; MY 135716 A 20080630

DOCDB simple family (application)

GB 0303394 W 20030804; AT 03784249 T 20030804; AU 2003251367 A 20030804; CA 2495102 A 20030804; DE 60306936 T 20030804; EP 03784249 A 20030804; ES 03784249 T 20030804; GB 0218765 A 20020812; MY PI20032843 A 20030729