

Title (en)

Method for the direct engraving of cups for receiving the printing ink in intaglio printing

Title (de)

Verfahren zur direkten Gravur von Näpfchen zur Aufnahme von Druckfarbe für den Tiefdruck

Title (fr)

Procédé de gravure directe des cellules pour recevoir l'encre en rotogravure

Publication

**EP 1568490 B1 20070815 (DE)**

Application

**EP 04004470 A 20040227**

Priority

EP 04004470 A 20040227

Abstract (en)

[origin: EP1568490A1] The method involves direct engraving of cells (10) for the admission of printing ink in the surface of pneumatic cylinders under low pressure. The cells are formed from a pre-determined number of engraved pixels (11). The engraving depth of the pixels can be modified during the expansion (14) of the two dimensional element (15) of the pixel (13). The engraving depth can be specified in gradated depth steps in a design from 1 to 8 bits.

IPC 8 full level

**B41C 1/04** (2006.01); **B41C 1/02** (2006.01); **B41C 1/045** (2006.01); **B41C 1/05** (2006.01); **B41J 2/44** (2006.01)

CPC (source: EP US)

**B41C 1/02** (2013.01 - EP US); **B41C 1/05** (2013.01 - EP US)

Cited by

DE102011017080A1; DE102008035203A1; WO2012119704A1; DE102007029099A1; CN111016475A; CN111016474A; CN111016476A; DE102008035203B4; DE102011017080B4; EP2006090A3; EP2305464A1; CN111098616A; WO2012139721A1; EP2151324A2

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