

Title (en)

METHOD FOR PRINTING ENDLESS PRINTING SUBSTRATES DIGITALLY

Title (de)

VERFAHREN ZUM DIGITALEN BEDRUCKEN VON ENDLOSEN DRUCKUNTERLAGEN

Title (fr)

PROCÉDÉ D'IMPRESSION NUMÉRIQUE DE SUPPORTS D'IMPRESSION SANS FIN

Publication

EP 2158089 A1 20100303 (DE)

Application

EP 08748365 A 20080523

Priority

- CH 2008000235 W 20080523
- CH 9702007 A 20070615

Abstract (en)

[origin: WO2008151453A1] In the method for printing endless printing substrates digitally on an inkjet printing press (1), first of all a predefined region of the printing substrate (17) is underprinted with the ground tint (for example, white ink) by the print head (9) being moved to and fro in the X-direction and movement of the bridge (7) in the Y-direction. After the region which has been provided with the ground tint has been advanced in the Y-direction, overprinting is carried out there, wherein once again the print head (9) is moved to and fro in the X-direction, but the printing substrate (17) is moved in the Y-direction with the bridge (7) at a standstill. In one variant, the printing substrate is moved in the Y-direction with the bridge (7) at a standstill during the underprinting and the bridge (7) is moved in the Y-direction during the overprinting. The underprinting and overprinting can take place once or multiple times.

IPC 8 full level

B41J 3/28 (2006.01); **B41J 3/407** (2006.01); **B41J 11/00** (2006.01); **B41J 11/42** (2006.01)

CPC (source: EP US)

B41J 2/2117 (2013.01 - EP US); **B41J 3/28** (2013.01 - EP US); **B41J 3/4078** (2013.01 - EP US); **B41J 11/0015** (2013.01 - EP US); **B41J 11/42** (2013.01 - EP US)

Citation (search report)

See references of WO 2008151453A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2008151453 A1 20081218; EP 2158089 A1 20100303; US 2010177143 A1 20100715

DOCDB simple family (application)

CH 2008000235 W 20080523; EP 08748365 A 20080523; US 60283308 A 20080523