Title (en)
DIGITAL TYPE DUPLEX PRINTING METHOD

Title (de)
DIGITALES DUPLEXDRUCKVERFAHREN

Title (fr)
PROCÉDÉ D'IMPRESSION EN DUPLEX DE TYPE NUMÉRIQUE

Publication
EP 3056348 A1 20160817 (EN)

Application
EP 16155389 A 20160212

Priority
JP 2015026228 A 20150213

Abstract (en)
The disclosure is to provide a digital type duplex printing method of printing images on both sides of a printing material such that a front-side image and a back-side image overlap each other. The digital type duplex printing method performs duplex printing with a digital type printer 10 which includes a print head 11 for performing printing by moving with respect to a printing material 50 and allows a printing jig 20 for setting the printing material 50 to be installed at a predetermined position such that the printing jig can be reversed. The printing material 50 is fixed in a stretched state to the printing jig 20, which is installed at the predetermined position. On the front surface of the printing material 50, a front-side image 31 and a front-side position detection mark 32 are printed. The printing jig 20 is inverted and is installed at the predetermined position. On the back surface of the printing material 50, a back-side position detection mark 42 is printed. The back-side position detection mark 42 and the front-side position detection mark 32 are compared from any one of the front surface and the back surface, and the relative position of the back-side image to the front-side image of the printing material 50 is corrected on the basis of the comparison. A back-side image 41 is printed at the corrected relative position on the back surface of the printing material 50.

IPC 8 full level
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Citation (applicant)
JP 2001322263 A 20011120 - CASIO COMPUTER CO LTD

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- [XA] CN 203136321 U 20130814 - UNIV PEKING FOUNDER GROUP CO, et al
- [A] JP 2010012757 A 20100121 - MIMAKI ENG KK
- [A] US 2008163775 A1 20080710 - LIVINGSTON JOHN C [US]

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CN112874161A; EP3418058A1; CN114475018A; CN109177533A; EP3674083A4; US10821754B2; EP3674083B1

Designated contracting state (EPC)
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