

Title (en)

TEXTILE DOUBLE-SIDED INKJET PRINTING METHOD USING DIGITAL INKJET PRINTER, AND TEXTILE

Title (de)

TEXTILDOPPELSEITIGES TINTENSTRAHldruckverfahren unter Verwendung eines digitalen tintenstrahldruckers und textile

Title (fr)

PROCÉDÉ D'IMPRESSION À JET D'ENCRE RECTO VERSO SUR TEXTILE UTILISANT UNE IMPRIMANTE À JET D'ENCRE NUMÉRIQUE ET TEXTILE

Publication

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Application

EP 18883245 A 20181203

Priority

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Abstract (en)

[origin: EP3674083A1] A textile double-sided inkjet printing method using a digital inkjet printer, and a textile. The inkjet printing method comprises the following steps: 1) importing a target pattern to a storage unit (21); 2) mirroring the target pattern to obtain a mirror target pattern, and storing the mirror target pattern to the storage unit (21); 3) placing a textile in a inkjet printing region of a guide belt (42), and printing the target pattern on the front side of the textile by means of a digital head (1) to form a front-side printed pattern; 4) turning over the textile and placing same on the guide belt, acquiring a pattern penetrating the reverse side of the textile by using an image acquisition unit (3), and transmitting the pattern to the storage unit (21); 5) adjusting the mirror target pattern by means of a processing unit (22) to align with the reverse-side pattern acquired by the image acquisition unit (3); and 6) printing the adjusted mirror target pattern on the reverse side of the textile by means of the digital head (1).

IPC 8 full level

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Citation (search report)

- [Y] US 2009284776 A1 20091119 - SHI GANG [CN]
- [Y] CN 107264028 A 20171020 - SEIKO EPSON CORP
- [Y] EP 3056348 A1 20160817 - MIMAKI ENG KK [JP]
- [A] EP 0953454 A2 19991103 - CANON KK [JP]
- See also references of WO 2019105482A1

Cited by

FR3129956A1; EP3858626A4; WO2023099822A1

Designated contracting state (EPC)

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