

# (12) International Application Status Report

**Received at International Bureau:** 04 May 2020 (04.05.2020)

**Information valid as of:** 02 September 2020 (02.09.2020)

**Report generated on:** 20 January 2021 (20.01.2021)

**(10) Publication number:**

WO2020/193927

**(43) Publication date:**

01 October 2020 (01.10.2020)

**(26) Publication language:**

French (FR)

**(21) Application Number:**

PCT/FR2020/050616

**(22) Filing Date:**

20 March 2020 (20.03.2020)

**(25) Filing language:**

French (FR)

**(31) Priority number(s):**

1902998 (FR)

**(31) Priority date(s):**

22 March 2019 (22.03.2019)

**(31) Priority status:**

Priority document received (in compliance with PCT Rule 17.1)

**(51) International Patent Classification:**

**B29C 64/112** (2017.01); **B29C 64/205** (2017.01); **B29C 64/268** (2017.01); **B41J 2/00** (2006.01)

**(71) Applicant(s):**

POIETIS [FR/FR]; 27 Allée Charles Darwin 33600 PESSAC (FR) (*for all designated states*)

**(72) Inventor(s):**

SOTO, Dan; 111 Avenue Maréchal Galliéni 33700 MERIGNAC (FR)

GUILLEMOT, Fabien; 4 Chemin de l'Homnias 33210 PREIGNAC (FR)

VIELLEROBE, Bertrand; 30 Avenue Victoria 33700 MERIGNAC (FR)

CLAPIES, Aude; 56B Avenue Bougnard 33600 PESSAC (FR)

**(74) Agent(s):**

BREESE, Pierre; IP TRUST 2 rue de Clichy 75009 Paris (FR)

**(54) Title (EN):** THREE-DIMENSIONAL ADDITIVE PRINTING METHOD

**(54) Title (FR):** PROCÉDÉ D'IMPRESSION ADDITIVE TRIDIMENSIONNELLE

**(57) Abstract:**

**(EN):** The invention relates to a printing method that employs a piece of equipment comprising an energy-delivering exciting means that is orientable to produce a punctiform interaction with at least one ink that possibly contains non-uniformities and that is deposited on a printing medium comprising a transparent interaction area, in order to cause the transfer of a targeted portion of said ink to a receiver, characterized in that it comprises a step of generating a wetting film at least partially covering said transparent interaction area, followed by a step of depositing said ink on the surface of said wetting film and transferring steps.

**(FR):** L'invention se rapporte à un procédé d'impression mettant en œuvre un équipement comportant un moyen d'excitation énergétique orientable pour produire une interaction ponctuelle avec au moins une encre pouvant contenir des inhomogénéités déposée sur un support d'impression présentant une surface transparente d'interaction, afin de provoquer le transfert d'une partie ciblée de ladite encre vers un récepteur, caractérisé en ce qu'il comporte une étape de génération d'un film de mouillage recouvrant au moins partiellement ladite surface transparente d'interaction, suivie d'une étape de dépôt de ladite encre sur la surface dudit film de mouillage et d'étapes de transfert.

**International search report:**

Received at International Bureau: 27 August 2020 (27.08.2020) [EP]

**International Report on Patentability (IPRP) Chapter II of the PCT:**

Not available

**(81) Designated States:**

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM