

(12) International Application Status Report

Received at International Bureau: 27 November 2018 (27.11.2018)

Information valid as of: 05 May 2020 (05.05.2020)

Report generated on: 18 September 2020 (18.09.2020)

(10) Publication number:

WO2020/110130

(43) Publication date:

04 June 2020 (04.06.2020)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/IN2018/050781

(22) Filing Date:

26 November 2018 (26.11.2018)

(25) Filing language:

English (EN)

(51) International Patent Classification:

B41J 3/407 (2006.01); **B41J 3/54** (2006.01); **B41F 15/08** (2006.01); **B41J 2/21** (2006.01)

(71) Applicant(s):

MAHESHWARI, Sanjay Chandramohan [IN/IN]; c/o Kothari Infotech Private Limited,802, Empire State Building, Near Udhna Darwaja, Ring Road, Gujarat Surat 395002 (IN) (*for all designated states*)

(72) Inventor(s):

MAHESHWARI, Sanjay Chandramohan; c/o Kothari Infotech Private Limited,802, Empire State Building, Near Udhna Darwaja, Ring Road, Gujarat Surat 395002 (IN)

(74) Agent(s):

BANERJEE, S.; L.S.Davar & Co. Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake Sector V Kolkata 700 091 (IN)

(54) Title (EN): METHOD AND APPARATUS FOR GENERATING AND PRINTING HIGH QUALITY WHITE UNDERBASE USING SCREEN PRINTING ON MEDIA HAVING COLORED BACKGROUND

(54) Title (FR): PROCÉDÉ ET APPAREIL POUR GÉNÉRER ET IMPRIMER UNE SOUS-BASE BLANCHE DE HAUTE QUALITÉ PAR SÉRIGRAPHIE SUR UN SUPPORT COMPORTANT UN FOND COLORÉ

(57) Abstract:

(EN): The invention relates to a printing apparatus, which is configured from one of the following: a combination of digital printer and a screen printer; a screen printer; and a screen/plate less digital printer employing virtual screens; wherein the apparatus employing more than one screen to print white underbase where one or more diluted white ink screen is used.

(FR): L'invention concerne un appareil d'impression qui est conçu à partir d'un des éléments suivants : une combinaison d'imprimante numérique et une machine de sérigraphie ; une machine de sérigraphie ; et une imprimante numérique sans écran/ plaque utilisant des écrans virtuels. L'appareil utilise plusieurs écrans pour imprimer une sous-base blanche où une ou plusieurs sérigraphies à l'encre blanche diluée sont utilisées.

International search report:

Received at International Bureau: 18 July 2019 (18.07.2019) [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, RA, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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

Declarations:

Declaration made as to the identity of the inventor (PCT Rules 4.17(i) and 51bis.1(a)(i))