

# (12) International Application Status Report

**Received at International Bureau:** 11 July 2018 (11.07.2018)

**Information valid as of:** 12 February 2019 (12.02.2019)

**Report generated on:** 25 August 2019 (25.08.2019)

**(10) Publication number:**

WO2019/044143

**(43) Publication date:**

07 March 2019 (07.03.2019)

**(26) Publication language:**

Japanese (JA)

**(21) Application Number:**

PCT/JP2018/024369

**(22) Filing Date:**

27 June 2018 (27.06.2018)

**(25) Filing language:**

Japanese (JA)

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

2017-166326 (JP)

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

31 August 2017 (31.08.2017)

**(31) Priority status:**

Priority document received (in compliance with PCT Rule 17.1)

**(51) International Patent Classification:**

G03G 21/16 (2006.01); B41J 29/00 (2006.01)

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

KYOCERA DOCUMENT SOLUTIONS INC. [JP/JP]; 1-2-28, Tamatsukuri, Chuo-ku, Osaka-shi, Osaka 5408585 (JP) *(for all designated states)*

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

ARAIISHI Kuniaki; c/o KYOCERA Document Solutions Inc., 1-2-28, Tamatsukuri, Chuo-ku, Osaka-shi, Osaka 5408585 (JP)

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

MAEI Hiroyuki; Yodoyabashi FlexTower 5F, 3-3-11 Koraibashi, Chuo-ku, Osaka-shi, Osaka 5410043 (JP)

**(54) Title (EN):** UNIT HOUSING AND IMAGE FORMATION DEVICE

**(54) Title (FR):** BOÎTIER D'UNITÉ ET DISPOSITIF DE FORMATION D'IMAGE

**(54) Title (JA):** ユニット筐体、及び画像形成装置

**(57) Abstract:**

**(EN):** A unit housing (1) is attached to a housing (120) of an image formation device (100). The unit housing (1) comprises a main unit (2) and a positioning unit (3). The positioning unit (3) determines the position of the main unit (2) in relation to the housing (120). The main unit (2) has a first frame (21) and a second frame (22) facing the first frame (21). The positioning unit (3) has: a positioning frame (31) that extends parallel to the first frame (21); and one or more through members (32) extending from the positioning frame (31) and passing through the first frame (21) and the second frame (22). The tip part of the one or more through members (32) is held by the housing (120).

**(FR):** Selon la présente invention, un boîtier d'unité (1) est fixé au boîtier (120) d'un dispositif de formation d'image (100). Le boîtier d'unité (1) comprend une unité principale (2) et une unité de positionnement (3). L'unité de positionnement (3) détermine la position de l'unité principale (2) par rapport au boîtier (120). L'unité principale (2) comporte un premier cadre (21) et un second cadre (22) faisant face au premier cadre (21). L'unité de positionnement (3) comporte : un cadre de positionnement (31) qui s'étend parallèlement au premier cadre (21) ; et un ou plusieurs éléments traversants (32) s'étendant du cadre de positionnement (31) et traversant le premier cadre (21) et le second cadre (22). La partie pointe desdits éléments traversants (32) est maintenue par le boîtier (120).

**(JA):** ユニット筐体(1)は、画像形成装置(100)が有する筐体(120)に取り付けられる。ユニット筐体(1)は、本体部(2)と、位置決め部(3)とを備える。位置決め部(3)は、筐体(120)に対する本体部(2)の位置を決定する。本体部(2)は、第1フレーム(21)と、第1フレーム(21)に対向する第2フレーム(22)とを有する。位置決め部(3)は、第1フレーム(21)と平行に延びる位置決めフレーム(31)と、位置決めフレーム(31)から延びて第1フレーム(21)と第2フレーム(22)とを貫通する少なくとも一つの貫通部材(32)とを有する。少なくとも一つの貫通部材(32)の先端部は、筐体(120)に保持される。

**International search report:**

**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, 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