

# (12) International Application Status Report

**Received at International Bureau:** 21 March 2018 (21.03.2018)

**Information valid as of:** 30 April 2018 (30.04.2018)

**Report generated on:** 24 March 2019 (24.03.2019)

**(10) Publication number:**

WO2019/003507

**(43) Publication date:**

03 January 2019 (03.01.2019)

**(26) Publication language:**

Japanese (JA)

**(21) Application Number:**

PCT/JP2018/009551

**(22) Filing Date:**

12 March 2018 (12.03.2018)

**(25) Filing language:**

Japanese (JA)

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

2017-127613 (JP)

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

29 June 2017 (29.06.2017)

**(31) Priority status:**

Priority document received (in compliance with PCT Rule 17.1)

**(51) International Patent Classification:**

*B09D 11/16* (2014.01); *B43K 1/12* (2006.01); *B43K 8/02* (2006.01)

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

MITSUBISHI PENCIL COMPANY, LIMITED [JP/JP]; 28-1, Ohi 1-chome, Shinagawa-ku, Tokyo 1408537 (JP) (*for all designated states*)

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

HARUHARA, Yumiko; c/o Yokohama Office, MITSUBISHI PENCIL COMPANY, LIMITED, 5-12, Irie 2-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 2218550 (JP)

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

AOKI, Atsushi; SEIWA PATENT & LAW, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 (JP)

**(54) Title (EN):** OIL-BASED INK COMPOSITION FOR WRITING IMPLEMENTS

**(54) Title (FR):** COMPOSITION D'ENCRE À BASE D'HUILE POUR INSTRUMENTS D'ÉCRITURE

**(54) Title (JA):** 筆記具用油性インク組成物

**(57) Abstract:**

**(EN):** This oil-based ink composition for writing implements contains a colorant, a resin, an organic solvent, and fluorine-based resin particles, the average particle size of the fluorine-based resin particles being at least 0.1 μm and less than 1.0 μm when measured by a dynamic light scattering method.

**(FR):** L'invention concerne une composition d'encre à base d'huile pour instruments d'écriture qui contient un colorant, une résine, un solvant organique et des particules de résine à base de fluor, la taille de particule moyenne des particules de résine à base de fluor étant d'au moins 0,1 μm et inférieure à 1,0 μm lorsqu'elle est mesurée par un procédé de diffusion dynamique de la lumière.

**(JA):** 本発明の筆記具用油性インク組成物は、着色剤、樹脂、有機溶剤、フッ素系樹脂粒子を含有しており、動的光散乱法により測定したときの、前記フッ素系樹脂粒子の平均粒子径が、0.1 μm以上1.0 μm未満である、筆記具用油性インク組成物である。

**International search report:**

Received at International Bureau: 30 April 2018 (30.04.2018) [JP]

**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, 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