

# (12) International Application Status Report

**Received at International Bureau:** 05 December 2017 (05.12.2017)

**Information valid as of:** 16 November 2018 (16.11.2018)

**Report generated on:** 25 March 2019 (25.03.2019)

**(10) Publication number:**

WO2018/162964

**(43) Publication date:**

13 September 2018 (13.09.2018)

**(26) Publication language:**

English (EN)

**(21) Application Number:**

PCT/IB2017/057251

**(22) Filing Date:**

20 November 2017 (20.11.2017)

**(25) Filing language:**

English (EN)

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

201711008041 (IN)

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

08 March 2017 (08.03.2017)

**(31) Priority status:**

Priority document received (in compliance with PCT Rule 17.1)

**(51) International Patent Classification:**

*C07D 403/06* (2006.01)

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

JUBILANT GENERICS LIMITED (FORMERLY A DIVISION OF JUBILANT LIFE SCIENCES LIMITED) [IN/IN]; Plot 1A, Sector 16A, Noida Uttar Pradesh 201 301 (IN) *(for all designated states)*

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

PRASAD, M. Umamaheshwar; Jubilant Generics Limited (Formerly a division of Jubilant Life Sciences Limited), C-26, Sector-59, Noida Uttar Pradesh 201 301 (IN)

KUMAR, Anjul; Jubilant Generics Limited (Formerly a division of Jubilant Life Sciences Limited), C-26, Sector-59, Noida Uttar Pradesh 201 301 (IN)

SINGH, Shishupal; Jubilant Generics Limited (Formerly a division of Jubilant Life Sciences Limited), C-26, Sector-59, Noida Uttar Pradesh 201 301 (IN)

VIR, Dharam; Jubilant Generics Limited (Formerly a division of Jubilant Life Sciences Limited), C-26, Sector-59, Noida Uttar Pradesh 201 301 (IN)

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

SINGH, Manisha; LEXORBIS 709-710 Tolstoy House, 15-17 Tolstoy Marg New Delhi 110 001 (IN)

**(54) Title (EN):** AN IMPROVED PROCESS FOR THE PREPARATION OF TETROFOSMIN OR ACID ADDITION SALT THEREOF

**(54) Title (FR):** PROCÉDÉ AMÉLIORÉ POUR LA PRÉPARATION DE TÉTROFOSMINE OU D'UN SEL DE QUALITÉ PHARMACEUTIQUE DE CELLE-CI

**(57) Abstract:**

**(EN):** The present invention relates to an improved process for the preparation of tetrofosmin or acid addition salt thereof. The present invention also relates to the process for the preparation of tetrofosmin disulfosalicylate salt. Further the present invention also provides the polymorphic form J of disulfosalicylate salt of tetrofosmin.

**(FR):** La présente invention concerne un procédé amélioré de préparation de tétrofosmine ou d'un sel de qualité pharmaceutique de celle-ci. La présente invention concerne également un procédé amélioré pour la préparation de sel de disulfosalicylate de tétrofosmine. La présente invention concerne également la forme polymorphe J du sel de disulfosalicylate de tétrofosmine.

**International search report:**

Received at International Bureau: 26 February 2018 (26.02.2018) [IN]

**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

**Declarations:**

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))