

(12) International Application Status Report

Received at International Bureau: 20 December 2019 (20.12.2019)

Information valid as of: 02 January 2020 (02.01.2020)

Report generated on: 22 September 2020 (22.09.2020)

(10) Publication number:

WO2020/118133

(43) Publication date:

11 June 2020 (11.06.2020)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/US2019/064825

(22) Filing Date:

06 December 2019 (06.12.2019)

(25) Filing language:

English (EN)

(31) Priority number(s):

62/776,031 (US)

(31) Priority date(s):

06 December 2018 (06.12.2018)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

C07D 413/12 (2006.01); **C07D 413/14** (2006.01); **A61K 31/513** (2006.01); **A61K 31/551** (2006.01); **A61P 35/00** (2006.01)

(71) Applicant(s):

CONSTELLATION PHARMACEUTICALS, INC. [US/US]; 215 First Street Suite 200 Cambridge, MA 02142 (US) (*for all designated states*)

(72) Inventor(s):

GARDBERG, Anna; 215 First Street Suite 200 Cambridge, MA 02142 (US)

GEHLING, Victor, S.; 10 Ware Street Rear Unit Somerville, MA 02144 (US)

KHANNA, Avinash; 63 Hurley Street Apt. 1L Cambridge, MA 02141 (US)

LEVELL, Julian, R.; 127 Summer Street Arlington, MA 02474 (US)

WILSON, Jonathan, E.; 6 Cottage Avenue Arlington, MA 02474 (US)

(74) Agent(s):

DAVIS, Steven, G.; McCarter & English, LLP 265 Franklin Street Boston, MA 02110 (US)

(54) Title (EN): MODULATORS OF TREX1

(54) Title (FR): MODULATEURS DE TREX1

(57) Abstract:

(EN): Provided are compounds of Formula (I): and pharmaceutically acceptable salts and compositions thereof, which are useful for treating a variety of conditions associated with TREX1.

(FR): L'invention concerne des composés de formule (I) : ainsi que des sels et des compositions pharmaceutiquement acceptables de ceux-ci, qui sont utiles pour le traitement d'une variété d'états pathologiques associés à TREX1.

International search report:

Received at International Bureau: 25 February 2020 (25.02.2020) [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, 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))