(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
08 October 2020 (08.10.2020)

WIPO | PCT

(10) International Publication Number
WO 2020/201975 A3

(51) International Patent Classification:
A6K 31/541 (2006.01) *C07D 471/04* (2006.01)
A6K 45/06 (2006.01)

(21) International Application Number:
PCT/IB2020/052977

(22) International Filing Date:
28 March 2020 (28.03.2020)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
201921012919 30 March 2019 (30.03.2019) IN

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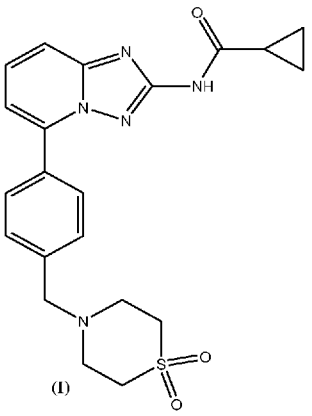
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (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), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report (Art. 21(3))*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*
— *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*

(88) Date of publication of the international search report:
03 December 2020 (03.12.2020)

(54) Title: NOVEL PROCESS FOR THE PREPARATION OF FILGOTINIB AND INTERMEDIATES THEREOF



(I)

(57) Abstract: The present invention relates to a novel process for the preparation of filgotinib or a pharmaceutically acceptable salt and intermediates thereof which avoid Suzuki coupling reaction. (I)

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB 20/52977

A. CLASSIFICATION OF SUBJECT MATTER

IPC - A61K 31/541; A61K 45/06; C07D 471/04 (2020.01)

CPC - A61K 31/437; A61K 31/541; A61K 45/06; A61P 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
See Search History document

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
See Search History document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 8,999,979 B2 (GALAPAGOS N.V.) 07 April 2015 (07.04.2015), entire document, especially: col 19, ln 34-54; col 19-20, Scheme 1, first step; col 19, ln 65 to col 20, ln 43; col 20, ln 45 to col 21, ln 5; col 25, ln 1-63; col 26, ln 55 to col 27, ln 23; col 27, ln 25 to col 28, ln 14.	1-10
A	WO 2010/149769 A1 (GALAPAGOS N.V.) 29 December 2010 (29.12.2010), entire document, especially: para [00116]; para [00127]; para [00130]; para [00131].	1-10
A	WO 2016/179207 A1 (CONCERT PHARMACEUTICALS INC) 10 November 2016 (10.11.2016), entire document, especially: para [65], Scheme 1, General Synthesis of Compounds of Formula I or A; para [71], Scheme 2: Preparation of Intermediate (I); para [79] Scheme 4: Preparation of Intermediate (4); para [88] Scheme 6: Preparation of Intermediate (10).	1-10
A	US 2013/0345209 A1 (VAN'T KLOOSTER et al.) 26 December 2013 (26.12.2013), entire document.	1-10

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Date of the actual completion of the international search	Date of mailing of the international search report
14 September 2020	02 OCT 2020
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