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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
5 June 2003 (05.06.2003)

PCT

(10) International Publication Number
WO 03/045912 A1

(51) International Patent Classification[7]: C07D 207/16, 207/26, 213/64, 401/12, 401/14, 403/12, A61K 31/40, A61P 7/02

(21) International Application Number: PCT/IB02/04757

(22) International Filing Date:
14 November 2002 (14.11.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/334,168 29 November 2001 (29.11.2001) US
60/384,895 31 May 2002 (31.05.2002) US

(71) Applicant *(for all designated States except US)*: **WARNER-LAMBERT COMPANY LLC** [US/US]; 201 Tabor Road, Morris Plains, NJ 070950 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BIGGE, Christopher, Franklin** [US/US]; Pfizer Global Research and Developpement, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). **DUDLEY, Danette, Andrea** [US/US]; Pfizer Global Research and Developpement, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). **EDMUNDS, Jeremy, John** [US/US]; Pfizer Global Research and Developpement, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). **VAN HUIS, Chad, Alan** [US/US]; Pfizer Global Research and Developpement, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). **CASIMIRO-GARCIA, Agustin** [MX/US]; Pfizer Global Research and Developpement, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). **FILIPSKI, Kevin, James** [US/US]; Pfizer Global Research and Developpement, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). **KOHRT, Jeffrey, Thomas** [US/US]; Pfizer Global Research and Developpement, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US).

(74) Agents: **LUMB, J., Trevor** et al.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

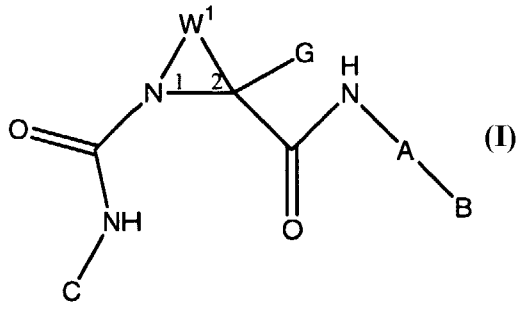
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 03/045912 A1

(54) Title: INHIBITORS OF FACTOR XA AND OTHER SERINE PROTEASES INVOLVED IN THE COAGULATION CASCADE



(I)

(57) Abstract: The present invention provides compounds of Formula (I), wherein A, B, C, G, and W^1 have any of the values defined in the specification, and pharmaceutically acceptable salt thereof, that are useful to treat thrombotic disorders. Also disclosed are pharmaceutical compositions comprising one or more compounds of Formula (I), processes for preparing compounds of Formula (I), and intermediates useful for preparing compounds of Formula (I).