2003069374

20 NOV 2003

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 December 2002 (12.12.2002)

PCT

(10) International Publication Number
WO 02/098879 A1

(51) International Patent Classification[7]: C07D 487/04, A61K 31/53

(21) International Application Number: PCT/EP02/05436

(22) International Filing Date: 17 May 2002 (17.05.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0113344.6 1 June 2001 (01.06.2001) GB

(71) Applicant *(for all designated States except US)*: **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ALONSO-ALIJA, Cristina** [ES/DE]; August-Macke-Weg 3, 42781 Haan (DE). **GIELEN, Heike** [DE/DE]; Am Kettnersbusch 3, 51379 Leverkusen (DE). **HENDRIX, Martin** [DE/DE]; Im Geroden 5, 51519 Odenthal (DE). **NIEWÖHNER, Ulrich** [DE/DE]; Gartenstr. 3, 42929 Wermelskirchen (DE). **SCHAUSS, Dagmar** [DE/DE]; Mittelstr. 36, 42697 Solingen (DE). **BISCHOFF, Hilmar** [DE/DE]; Am Rohm 78, 42113 Wuppertal (DE). **BURKHARDT, Nils** [DE/DE]; Hügelstr. 53, 40589 Düsseldorf (DE). **GEISS, Volker** [DE/DE]; Peddenkamp 58, 40883 Ratingen (DE). **SCHLEMMER, Karl-Heinz** [DE/DE]; Wildsteig 22 a, 42113 Wuppertal (DE). **CUTHBERT, Nigel, J.** [GB/GB]; 2 Oak Cottages, Hogshaw, Buckinghamshire MK18 3LA (GB). **FITZGERALD, Mary** [GB/GB]; 2 Paternoster Court, Cassingston Raod, Yarton, Oxfordshire OX5 1QB (GB). **STURTON, Graham** [GB/GB]; 184 Windsor Raod, Bray Maidenhead, Berkshire SL6 2DW (GB).

(74) Common Representative: **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(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, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, UZ, VN, YU, ZA, ZM, ZW, 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, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

Published:

— *with international search report*

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.

162162

ACTION

WO 02/098879 A1

(54) Title: IMIDAZOTRIAZINONES DERIVATIVES AND THEIR USE AGAINST INFLAMMATORY PROCESSES AND/OR IMMUNE DISEASES

(57) Abstract: The invention relates to 7-(4-tert butyl-cyclohexyl)-imidazotriazinones, processes for their preparation and their use in medicaments, esp. for the treatment and/or prophylaxis of inflammatory processes and/or immune diseases.