24 SEP 2003

20030541 78

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

(19) World Intellectual Property Organization
International Bureau

*162162*

(43) International Publication Date
17 October 2002 (17.10.2002)

PCT

(10) International Publication Number
WO 02/080925 A1

(51) International Patent Classification[7]: A61K 31/506, A61P 37/08

(21) International Application Number: PCT/US02/10742

(22) International Filing Date: 5 April 2002 (05.04.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0108606.5 5 April 2001 (05.04.2001) GB

(71) Applicants *(for all designated States except US)*: **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH). **THE GOVERNMENT OF THE UNITED STATES** [US/US]; Department of Veterans Affairs, 810 Vermont Avenue, NW, Washington, DC 20420 (US).

(71) Applicants and
(72) Inventors: **KOIKE, Kenichi** [JP/JP]; 3791-7, Satoyamabe, Matsumoto-Shi, Nagano 390-221 (JP). **KOMIYAMA, Atsushi** [JP/JP]; 31-11, Hara, Matsumoto-Shi, Nagano 390-0316 (JP). **TAKEUCHI, Kovichi** [JP/JP]; 1-16-16, Yokoto, Matsumoto-Shi, Nagano 390-0804 (JP).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **HEINRICH, Michael** [US/US]; 4649 Winthrop Court, Lake Oswego, OR 97035 (US). **NAKAJIMA, Motowo** [JP/JP]; 14-8-301, Asahigaoka-Cho, Ashiya-Shi, Hyogo 659-0012 (JP).

(74) Agents: **DOHMANN, George, R.** et al.; Novartis Pharmaceuticals Corporation, Patent and Trademark Department, 564 Morris Avenue, Summit, NJ 07901-1027 (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.

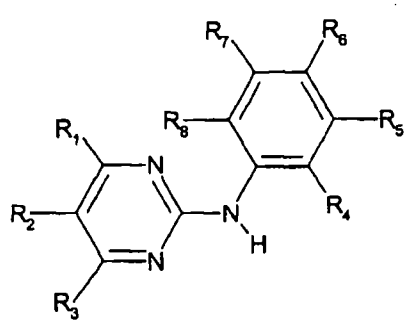
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,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

**Published:**
— *with international search report*
— *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.*

(54) Title: USE OF N-PHENYL-2-PYRIMIDINEAMINE DERIVATIVEA AGAINST MAST CELL-BASED DISEASES LIKE ALLERGIC DISORDERS

WO 02/080925 A1



(I)

(57) Abstract: Use of the N-phenyl-2-pyrimidine-amine derivatives of formula I, in which the symbols and substituents have the meaning as given herein in free form or in pharmaceutically acceptable salt form in the manufacture of a pharmaceutical composition for the treatment of allergic rhinitis, allergic dermatitis, drug allergy or food allergy, angioedema, urticaria, sudden infant death syndrome, bronchopulmonary aspergillosis, multiple sclerosis or mastocytosis.

*ACTION*