(A1)

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

(19) World Intellectual Property Organization
International Bureau

G00002

(43) International Publication Date
22 August 2002 (22.08.2002)

PCT

(10) International Publication Number
WO 02/064146 A1

(51) International Patent Classification[7]: A61K 31/66, C07C 233/65, A61P 1/16, 5/48, 9/06, 9/10, 9/12, 11/06, 13/12, 15/10, 19/10, 25/28

(21) International Application Number: PCT/EP02/01443

(22) International Filing Date: 12 February 2002 (12.02.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
01102852.9 13 February 2001 (13.02.2001) EP

(71) Applicant: **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, 65926 Frankfurt am Main (DE).

(72) Inventors: **WOHLFART, Paulus**; Bertolt-Brecht-Ring 16c, 64625 Bensheim (DE). **SUZUKI, Teri**; 1509 N. Blacklawn Ave., Tucson, AZ 85745 (US). **DHARANIPRAGADA, Ramalinga, M.**; 805 Taggert Dr, Belle Mead, NJ 08502-6413 (US). **SAFAROVA, Alena**; 12431 N. Forest Lake Way, Tucson, AZ 85737 (US). **WALSER, Armin**; 5900 N. Camino Miraval, Tucson, AZ 85718 (US). **STROBEL, Hartmut**; Erlenweg 22, 65835 Liederbach (DE).

(74) Agent: **ISENBRUCK, Günter**; Patent- und Rechtsanwälte, Bardehle Pagenberg Dost Altenburg Geissler Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (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, UZ, VN, YU, ZA, ZM, ZW.

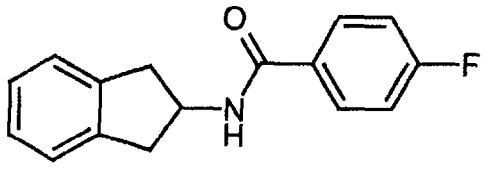
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,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

162162

(54) Title: 4-FLUORO-N-INDAN-2-YL BENZAMIDE AND ITS USE AS PHARMACEUTICAL



(I)

(57) Abstract: The present invention relates to 4-fluoro-N-indan-2-yl benzamide according to the formula (I), and its use as pharmaceutical. The compound (I) can be used for the therapy and prophylaxis of cardiovascular diseases like stable and unstable angina pectoris, Prinzmetal angina (spasm), acute coronary syndrome, heart failure, myocardial infarction, stroke, thrombosis, peripheral artery occlusive disease PAOD, atherosclerosis, restenosis, endothel damage after PTCA, essential hypertension, pulmonary hypertension, secondary hypertension, renovascular chronic glomerulonephritis, erectile dysfunction, ventricular arrhythmia, and the lowering of cardiovascular risk of postmenopausal women or after intake of contraceptiva, the therapy and propylaxis of diabetes and diabetes complications (nephropathy, retinopathy), angiogenesis, asthma bronchiale, chronic renal failure, cirrhosis of the liver, restricted memory performance or a restricted ability to learn.

WO 02/064146 A1