PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : A61K 31/135, 31/46, A61P 11/00 — A1

(11) International Publication Number: WO 00/47200

(43) International Publication Date: 17 August 2000 (17.08.00)

(21) International Application Number: PCT/EP00/00958

(22) International Filing Date: 7 February 2000 (07.02.00)

(30) Priority Data:
9902689.0 8 February 1999 (08.02.99) GB

(71) Applicant *(for all designated States except AT US)*: NOVARTIS AG [CH/CH]; Schwarzwaldallee 215, CH–4058 Basel (CH).

(71) Applicant *(for AT only)*: NOVARTIS–ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H. [AT/AT]; Brunner Strasse 59, A–1230 Vienna (AT).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: HASSAN, Ian, Francis [GB/GB]; 34 Kennedy Road, Horsham, West Sussex RH13 5DA (GB). CLARKE, Jeremy, Guy [GB/GB]; 8, Stirling Way, Horsham, West Sussex RH13 5RP (GB). CUENOUD, Bernard [CH/GB]; Lodge 2, Novartis Horsham Research, Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB (GB).

(74) Agent: BECKER, Konrad; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH–4002 Basel (CH).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, 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 the receipt of amendments.

(54) Title: *COMBINATIONS OF FORMOTEROL AND A TIOTROPIUM SALT*

(57) Abstract

A medicament containing, separately or together, (A) formoterol or a pharmaceutically acceptable salt thereof or a solvate of formoterol or said salt and (B) a tiotropium salt of a pharmaceutically acceptable acid, for simultaneous, sequential or separate administration in the treatment of an inflammatory or obstructive airways disease.