

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
26 June 2003 (26.06.2003)

PCT

(10) International Publication Number
WO 03/051805 A3

(51) International Patent Classification⁷: **C07C 39/38**,
A61K 31/055, A61P 5/30

(21) International Application Number: PCT/US02/39883

(22) International Filing Date:
12 December 2002 (12.12.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/341,164 13 December 2001 (13.12.2001) US

(71) Applicant: **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) Inventors: **MEWSHAW, Richard, Eric**; 251 West DeKalb Pike, Apartment B-509, King of Prussia, PA 19406 (US). **EDSALL, Richard, James**; 33308 Glenwood Avenue, Quakertown, PA 18951 (US). **YANG, Cuijian**; 1002 Brassington Drive, Collegeville, PA 19426 (US). **HARRIS, Heather, Anne**; 210 Pine Drive, Phoenixville, PA 19460 (US). **KEITH, James, Carl, Jr.**; 28 Vine Street, Andover, MA 01810 (US). **ALBERT, Leo, Massillamoney**; 17 Freeport Drive, Burlington, MA 01803 (US).

(74) Agents: **MILOWSKY, Arnold, S.**; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940-0874 et al. (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, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, 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, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

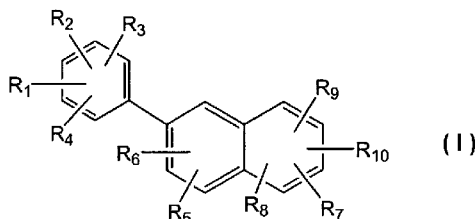
Published:

- 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

(88) Date of publication of the international search report:
4 September 2003

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: SUBSTITUTED PHENYL NAPHTHALENES AS ESTROGENIC AGENTS



(57) Abstract: This invention provides estrogen receptor modulators of formula (I), having the structure (I) wherein R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, R₉ and R₁₀, are as defined in the specification, or a pharmaceutically acceptable salt thereof.