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(21) International Application Number: PCT/US99/07023 (22) International Filing Date: 7 May 1999 (07.05.99) (30) Priority Data: 60/085,493 14 May 1998 (14.05.98) US (71) Applicant (for all designated States except US): PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): ROMERO, Arthur, Glenn [US/US]; 6629 Moningstar Way, Kalamazoo, MI 49009 (US). LEIBY, Jeffrey, A. [US/US]; 3004 North Westnedge, Kalamazoo, MI 49004 (US). (74) Agent: YANG, Lucy, X.; Pharmacia & Upjohn Company, Intellectual Property Legal Services, 301 Henrietta Street, Kalamazoo, MI 49001 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, 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 <i>With international search report.</i>
(54) Title: PHENYLSULFONAMIDE-PHENYLETHYLAMINES USEFUL AS DOPAMINE RECEPTORS Chemical structure (I): A phenyl ring with substituents R² and R³ is connected via a sulfonamide group (-SO₂NH-) to a phenylethylamine moiety (-CH₂-CH₂-N(R¹)₂). (57) Abstract Compounds of formula (I) and their pharmaceutically acceptable salts having selective dopamine D₃ receptor activity suitable for treating central nervous system disorders. In formula (I) R₁ is independently H or a C₁-C₈ alkyl including isomeric forms thereof; R₂ is H, C₁-C₃ alkyl, a halogen, OCH₃, OCF₃, CF₃, CN, SCH₃ or NHCOCH₃; and R₃ is H, C₁-C₃ alkyl, a halogen, OCH₃, OCF₃, CF₃, CN, SCH₃ or NHCOCH₃.		