PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION

International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International patent classification[6]: A61K 31/35, 31/425 — A1

(11) International publication number: WO 99/26621

(43) International publication date: 3 June 1999 (03.06.99)

(21) International application number: PCT/EP98/07197

(22) International filing date: 11 November 1998 (11.11.98)

(30) Data relating to the priority:
197 51 949.0 24 November 1997 (24.11.97) DE

(71) Applicant (for all designated States except US): BAYER AKTIENGESELLSCHAFT [DE/DE]; D-51368 Leverkusen (DE).

(72) Inventors; and

(75) Inventors/Applicants (US only): FAHRIG, Thomas [DE/DE]; Im Luchsfeld 15, D-51429 Bergisch Gladbach (DE). GERLACH, Irene [DE/DE]; Kronenburger Strasse 15, D-50935 Cologne (DE). HORVÁTH, Ervin [DE/DE]; Theodor-Storm-Strasse 4, D-51373 Leverkusen (DE). JORK, Reinhard [DE/DE]; Kolberger Strasse 13, D-51491 Overath (DE).

(74) Joint Representative: BAYER AKTIENGESELLSCHAFT; D-51368 Leverkusen (DE).

(81) Designated states: 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, 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, ZW, ARIPO Patent (GH, GM, KE, LS, MW, SD, 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
With the International Search Report.
Before expiry of the period provided for amending the claims, will be republished if such amendments are received.

As printed

(54) Title: APPLICATION OF SUBSTITUTED AMINOMETHYL CHROMANS IN ORDER TO PREVENT NEURAL DEGENERATION AND TO PROMOTE NEURAL REGENERATION

(54) Bezeichnung: VERWENDUNG VON SUBSTITUIERTEN AMINOMETHYL-CHROMANEN ZUR VERHINDERUNG DER NEURONALEN DEGENERATION UND ZUR FÖRDERUNG DER NEURONALEN REGENERATION

(57) Abstract

The invention relates to the application of substituted aminomethyl chromans in order to treat neural degeneration and to promote neural regeneration in cases of cerebral injuries and chronic diseases of the nervous system.

(57) Zusammenfassung

Die Erfindung betrifft die Verwendung von substituierten Aminomethyl-Chromanen zur Behandlung der neuronalen Degeneration und zur Förderung der neuronalen Regeneration bei cerebralen Verletzungen und chronischen Erkrankungen des Nervensystems.