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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
11 March 2010 (11.03.2010)

PCT

(10) International Publication Number
WO 2010/026214 A1

(51) International Patent Classification:
C07D 487/04 (2006.01) *A61P 25/00* (2006.01)
A61K 31/519 (2006.01) *A61P 3/00* (2006.01)

(21) International Application Number:
PCT/EP2009/061455

(22) International Filing Date:
4 September 2009 (04.09.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
08163879.3 8 September 2008 (08.09.2008) EP
09167675.9 12 August 2009 (12.08.2009) EP

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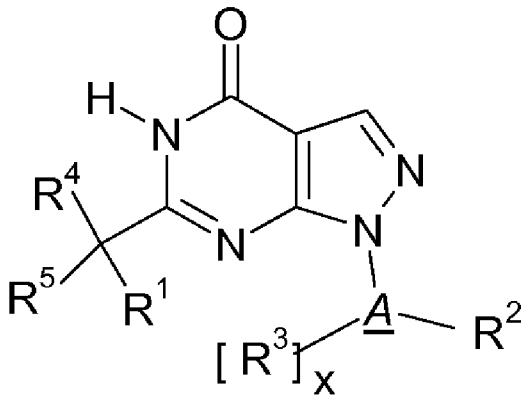
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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(54) Title: PYRAZOLOPYRIMIDINES AND THEIR USE FOR THE TREATMENT OF CNS DISORDERS



(I)

(57) Abstract: The invention relates to novel cycloalkyl- or cycloalkenyl-substituted pyrazolopyrimidinones of formula (I), wherein A is selected from the group A^1 consisting of a C_3-C_8-cycloalkyl group or a C_4-C_8- cycloalkenyl group, whereby the members of C_3-C_8-cycloalkyl group being selected from the group of cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptanyl and cyclooctanyl; and the members of the C_4-C_8-cycloalkenyl group, being selected from cyclobutenyl, cyclopentenyl, cyclohexenyl, cycloheptenyl, cyclooctenyl, cyclopentadienyl, cyclohexadienyl, cycloheptadienyl, cyclooctadienyl, cycloheptatrienyl, cyclooctathenyl, cyclooctatetraenyl. The new compounds shall be used for the manufacture of medicaments, in particular medicaments for improving perception, concentration, learning and/or memory in patients in need thereof. Chemically, the compounds are characterised as pyrazolopyrimidinones with a cycloalkyl-moiety directly bound to the 1 position of the pyrazolopyrimidinone and a second substituent in the 6 position which is bound via an optionally substituted methylene-bridge. Further aspects of the present invention refer to a process for the manufacture of the compounds and their use for producing medicaments.

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(84) **Designated States** *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*