



(51) International Patent Classification:

C07D 213/75 (2006.01) A61P 27/02 (2006.01)
C07D 405/12 (2006.01) A61P 11/00 (2006.01)
A61K 31/44 (2006.01) A61P 29/00 (2006.01)
A61K 31/443 (2006.01) A61P 9/00 (2006.01)

(21) International Application Number:

PCT/EP2012/067016

(22) International Filing Date:

31 August 2012 (31.08.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11179491.3 31 August 2011 (31.08.2011) EP

(71) Applicant (for all designated States except US): **Amakem NV** [BE/BE]; Life Sciences Incubator, Agoralaan A bis, B-3590 Diepenbeek (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ALEN, Jo** [BE/BE]; Life Sciences Incubator, Agoralaan A bis, B-3590 Diepenbeek (BE). **BOLAND, Sandro** [BE/BE]; Life Sciences Incubator, Agoralaan A bis, B-3590 Diepenbeek (BE). **BOURIN, Arnaud Pierre Jean** [FR/BE]; Life Sciences Incubator, Agoralaan A bis, B-3590 Diepenbeek (BE). **DEFERT, Olivier** [FR/FR]; Life Sciences Incubator, Agoralaan A bis, B-3590 Diepenbeek (BE). **LEYSEN, Dirk** [BE/BE]; Life Sciences Incubator, Agoralaan A bis, B-3590 Diepenbeek (BE).

(74) Agent: **LAENEN, Bart**; LC Patents, Crutzenstraat 26, B-3500 Hasselt (BE).

(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, BN, 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, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

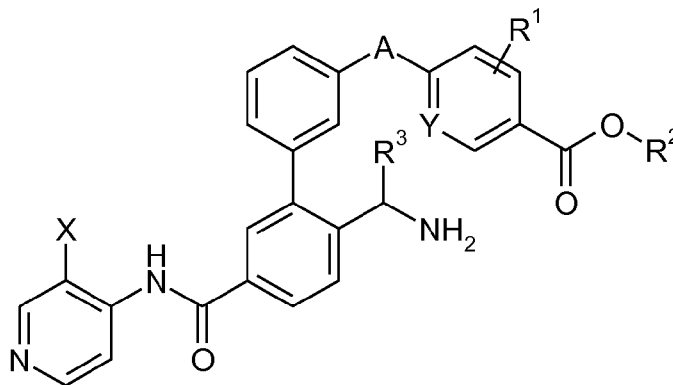
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))

(54) Title: NOVEL ROCK KINASE INHIBITORS



(57) Abstract: The present invention relates to new kinase inhibitors, more specifically ROCK inhibitors, compositions, in particular pharmaceuticals, comprising such inhibitors, and to uses of such inhibitors in the treatment and prophylaxis of disease. In particular, the present invention relates to new ROCK inhibitors, compositions, in particular pharmaceuticals, comprising such inhibitors, and to uses of such inhibitors in the treatment and prophylaxis of disease. In addition, the invention relates to methods of treatment and use of said compounds in the manufacture of a medicament for the application to a number of therapeutic indications including sexual dysfunction, inflammatory diseases, ophthalmic diseases and respiratory diseases.