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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
1 March 2012 (01.03.2012)

PCT

(10) International Publication Number
WO 2012/026562 A1

(51) International Patent Classification:
A61K 9/20 (2006.01) *A61K 9/10* (2006.01)
A61K 9/16 (2006.01) *A61K 47/34* (2006.01)

(21) International Application Number:
PCT/JP2011/069243

(22) International Filing Date:
19 August 2011 (19.08.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2010-187107 24 August 2010 (24.08.2010) JP

(71) Applicant *(for all designated States except US)*: **OTSUKA PHARMACEUTICAL CO., LTD.** [JP/JP]; 9, Kanda-Tsukasamachi 2-chome, Chiyoda-ku, Tokyo, 1018535 (JP).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **HIRAOKA, Shogo** [JP/JP]; c/o OTSUKA PHARMACEUTICAL CO., LTD., 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).

(74) Agent: **Saegusa & Partners**; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).

(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, QA, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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).

Published:

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

WO 2012/026562 A1

(54) Title: SUSPENSION AND CAKE COMPOSITION CONTAINING CARBOSTYRYL DERIVATIVE AND SILICONE OIL AND/OR SILICONE OIL DERIVATIVE

(57) Abstract: A suspension and a cake composition are provided in which agglomeration of the active ingredient that is caused when silicone oil and/or silicone oil derivative is contained therein can be suppressed without a special treatment, such as sonication. The suspension contains, in a dispersion medium, an active ingredient of a specific mean primary particle size, and silicone oil and/or silicone oil derivative. The cake composition contains an active ingredient of a specific mean particle size, and silicone oil and/or silicone oil derivative.