

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
07 December 2023 (07.12.2023)



(10) International Publication Number
WO 2023/233331 A1

(51) International Patent Classification:

A61K 35/745 (2015.01) *A61Q 19/00* (2006.01)
A61K 39/00 (2006.01)

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(21) International Application Number:

PCT/IB2023/055593

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))

(22) International Filing Date:

31 May 2023 (31.05.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/347,206 31 May 2022 (31.05.2022) US

Published:

- with international search report (Art. 21(3))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE

(71) Applicant: **JOHNSON & JOHNSON CONSUMER INC.** [US/US]; 199 Grandview Road, Skillman, New Jersey 08558 (US).

(72) Inventors: **INSEL, Richard A.**; Janssen Research & Development LLC, 920 US Highway 202 South, Raritan, New Jersey 08869 (US). **ALUNKAL, Linda**; Janssen Research & Development LLC, 920 US Highway 202 South, Raritan, New Jersey 08869 (US). **GOULD, Russell**; Janssen Research & Development LLC, 920 US Route 202 South, Raritan, New Jersey 08869 (US).

(74) Agent: **KESSEL, Amanda M.** et al.; Kenvue, 199 Grandview Road, Skillman, New Jersey 08558 (US).

(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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, 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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,

(54) Title: COMBINATION METHOD FOR TREATING OR PREVENTING CHILDHOOD ATOPIC DISEASE

(57) Abstract: The present application describes methods of treating or reducing the onset or occurrence of childhood atopic disease. In particular, it relates to an integrated solution that accounts for temporal and sequential administrations of three different and specific approaches for optimal effectiveness in treating or reducing the onset or occurrence of childhood atopic disease.

WO 2023/233331 A1