

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
12 December 2024 (12.12.2024)



WIPO | PCT



(10) International Publication Number
WO 2024/253837 A8

(51) International Patent Classification:

A61K 8/27 (2006.01) *A61K 8/41* (2006.01)
A61K 8/29 (2006.01) *A61K 8/49* (2006.01)
A61K 8/35 (2006.01) *A61Q 17/04* (2006.01)
A61K 8/37 (2006.01)

(21) International Application Number:

PCT/US2024/030473

(22) International Filing Date:

22 May 2024 (22.05.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/471,362 06 June 2023 (06.06.2023) US
18/653,546 02 May 2024 (02.05.2024) US

(71) Applicant: **KENVUE BRANDS LLC** [US/US]; 1 Kenvue Way, Summit, NJ 07901 (US).

(72) Inventors: **BARBOSA, Livea Fujita**; JNTL Consumer Health (Brazil) Ltda., Rodovia Presidente Dutra Km 154, 12240-620 São José dos Campos (BR). **DALY, Susan**; Johnson & Johnson Consumer Inc., 199 Grandview Road, Skillman, New Jersey 08558 (US). **GEHLEN, Indaiá Lara**; JNTL Consumer Health (Brazil) Ltda., Rodovia Presidente Dutra Km 154, 12240-620 São José dos Campos (BR). **SEGOVIA-BORRAY, Ricardo**; JNTL Consumer Health (Brazil) Ltda., Rodovia Presidente Dutra Km 154, 12240-620 São José dos Campos (BR). **SEMPRINI, Maria Carolina**; JNTL Consumer Health (Brazil) Ltda., Rodovia Presidente Dutra Km 154, 12240-620 São José dos Campos (BR). **SATAKE, Cinthia**; JNTL Consumer Health (Brazil) Ltda., Rodovia Presidente Dutra Km 154, 12240-620 São José dos Campos (BR). **MENDES DE OLIVEIRA, Camilla Floriano**; JNTL Consumer Health (Brazil) Ltda., Rodovia Presidente Dutra Km 154, 12240-620 São José dos Campos (BR). **ROMANHOLE, Rodrigo Collina**; JNTL Consumer Health (Brazil) Ltda., Rodovia Presidente Dutra Km 154, 12240-620 São José dos Campos (BR).

(74) Agent: **KESSEL, Amanda M.** et al.; Kenvue Brands LLC, 1 Kenvue Way, Summit, NJ 07901 (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, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, 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))*

Published:

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

(48) Date of publication of this corrected version:

12 June 2025 (12.06.2025)

(15) Information about Correction:

see Notice of 12 June 2025 (12.06.2025)

(54) Title: LOW PENETRATION SUNSCREEN COMPOSITIONS

(57) Abstract: The present invention provides a sunscreen composition comprising: (a) diethylamino hydroxybenzoyl hexyl benzoate; (b) bis-ethylhexyloxyphenol methoxyphenyl triazine; (c) ethylhexyl triazone; and (d) methylene bis-benzotriazolyl tetramethylbutylphenol; wherein the sunscreen composition is substantially free of UV absorbers having a molecular mass of 380 Daltons or less.



WO 2024/253837 A8