

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 June 2025 (12.06.2025)



(10) International Publication Number
WO 2025/122472 A9



(51) International Patent Classification:

A61Q 19/00 (2006.01) A61K 8/68 (2006.01)
A61P 17/06 (2006.01) A61K 9/00 (2006.01)

(21) International Application Number:

PCT/US2024/058216

(22) International Filing Date:

03 December 2024 (03.12.2024)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

63/605,621	04 December 2023 (04.12.2023)	US
63/609,569	13 December 2023 (13.12.2023)	US
63/567,428	20 March 2024 (20.03.2024)	US
63/713,900	30 October 2024 (30.10.2024)	US

(71) Applicant: PRIMUS PHARMACEUTICALS, INC.
[US/US]; 7373 N. Scottsdale Road, Suite B-200, Scottsdale,
AZ 85253 (US).

(72) Inventors: YAMAGUCHI, Masayoshi; Senagawa 1-
chome, Aoi-ku, Shizuoka 420-0913 (JP). WEIR, James D;
c/o Primus Pharmaceuticals, Inc., 7373 N. Scottsdale Road,
Suite B-200, Scottsdale, AZ 85253 (US). HARTUNG,
Ryan E.; c/o Primus Pharmaceuticals, Inc., 7373 N. Scotts-
dale Road, Suite B-200, Scottsdale, AZ 85253 (US).

(74) Agent: SULLIVAN, Clark G.; Sullivan IP Solutions, PO
Box 4452, New York, NY 10163 (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).

Published:

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

(48) Date of publication of this corrected version:

31 July 2025 (31.07.2025)

(15) Information about Correction:

see Notice of 31 July 2025 (31.07.2025)

(54) Title: EMOLLIENT COMPOSITIONS COMPRISING LINOLEIC ACID AND CONJUGATED LINOLEIC ACID AND
METHODS OF USE

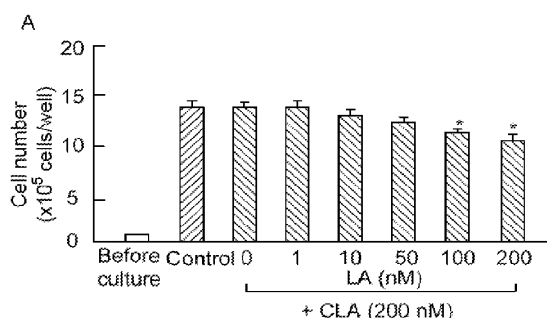


FIG. 3

(57) Abstract: Emollient compositions and their use to treat in-
flammatory skin disorders including plaque psoriasis, particu-
larly emollient compositions comprising a combination of linoleic
acid and conjugated linoleic acid.