

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
29 June 2023 (29.06.2023)



(10) International Publication Number
WO 2023/119195 A2

(51) International Patent Classification:

A61K 9/00 (2006.01) *A61K 47/36* (2006.01)
A61K 9/107 (2006.01) *A61P 31/22* (2006.01)

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(21) International Application Number:

PCT/IB2022/062629

(22) International Filing Date:

21 December 2022 (21.12.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

117662 21 December 2021 (21.12.2021) PT
21217436.1 23 December 2021 (23.12.2021) EP

(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, 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:

- without international search report and to be republished
upon receipt of that report (Rule 48.2(g))
- in black and white; the international application as filed
contained color or greyscale and is available for download
from PATENTSCOPE

(71) Applicants: UNIVERSIDADE CATÓLICA POR-
TUGUESA - UCP [PT/PT]; Rua Diogo De Botelho, 1327,
4169-005 Porto (PT). AMYRIS BIO PRODUCTS POR-
TUGAL UNIPESSOAL LDA [PT/PT]; Rua Diogo De
Botelho, 1327, 4169-005 Porto (PT).

(72) Inventors: CRUZ FERNANDES, João; Rua Do Freixo,
979 Hab B0.2, 4300-218 Porto (PT). FARIA AMORIM,
Maria Manuela; Rua Da Arroiteia, 269 Hab 12, 4465-026
São Mamede De Infesta (PT). CONSTANCE DE SOUSA,
Pedro Miguel; Rua Da Lage N°162, 4470-320 Maia (PT).
TAVARES VALENTE, Diana Maria; Rua Albino Fran-
cisco Das Neves, 164, 1°g, 4520-038 Santa Maria Da Feira
(PT). AZEVEDO SILVA, João Pedro; Rua Gil Vicente
N°5, 4785-321 Trofa (PT). ESTEVEZ PINTADO, Maria
Manuela; Rua Diogo De Botelho, 1327, 4169-005 Porto
(PT).

(74) Agent: PATENTREE; Association 669, Rua de Salazares,
842, Edf. NET, 4149-002 Porto (PT).

(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, 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,

(54) Title: YEAST β -GLUCAN EMULSION, METHODS AND USES THEREOF

(57) Abstract: The present disclosure relates to a yeast β -Glucan emulsion for use in prevention or treatment of herpes simplex virus infection, in particular wherein the emulsion comprises an emollient agent, wherein the emollient agent is selected from: squalane, butter, hemp oil, or mixtures thereof. The present disclosure relates to yeast β -Glucan emulsion with anti-herpetic activity, in particular a face topical composition, more in particular lipstick/face stick/ lip or face balm/roll on with anti-herpetic properties; method for obtaining and their use thereof. The present disclosure also relates to a face topical composition, preferably antiherpetically active lipstick, or face stick, or an antiherpetic lip or face balm, or an antiherpetic roll on comprising β -glucans and the use for the prevention and treatment of disorders of the lips and other areas of the face caused by human herpes viruses.



WO 2023/119195 A2