

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
11 May 2018 (11.05.2018)



(10) International Publication Number
WO 2018/083115 A1

(51) International Patent Classification:

<i>A61K 36/82</i> (2006.01)	<i>A61K 36/45</i> (2006.01)
<i>A61K 36/84</i> (2006.01)	<i>A61K 36/53</i> (2006.01)
<i>A61K 36/85</i> (2006.01)	<i>A61K 36/534</i> (2006.01)
<i>A61K 36/87</i> (2006.01)	<i>A61K 36/61</i> (2006.01)
<i>A61K 36/03</i> (2006.01)	<i>A61K 36/708</i> (2006.01)
<i>A61K 36/14</i> (2006.01)	<i>A61K 36/73</i> (2006.01)
<i>A61K 36/185</i> (2006.01)	<i>A61K 36/74</i> (2006.01)
<i>A61K 36/235</i> (2006.01)	<i>A61P 31/04</i> (2006.01)
<i>A61K 36/28</i> (2006.01)	<i>A61K 36/04</i> (2006.01)

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, 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))

(21) International Application Number:

PCT/EP2017/077956

(22) International Filing Date:

01 November 2017 (01.11.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1660588	02 November 2016 (02.11.2016)	FR
16197217.9	04 November 2016 (04.11.2016)	EP

(71) Applicant: **ALPHANOSOS S.A.S.** [FR/FR]; 20-22 rue Henri et Gilberte Goudier - Zone Industrielle La Varenne, 63200 Riom (FR).

(72) Inventors: **MAYER, Pascal**; ALPHANOSOS S.A.S. 20-22 rue Henri et Gilberte Goudier - Zone Industrielle La Varenne, 63200 Riom (FR). **BREUILS, Laure**; ALPHANOSOS S.A.S. 20-22 rue Henri et Gilberte Goudier - Zone Industrielle La Varenne, 63200 Riom (FR).

(74) Agent: **TAGLIAFICO, Giulia**; LITAPAT Via Simone Martini, 125, 00142 Rome RM (IT).

(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, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, 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, 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,

(54) Title: EXTRACT OF AN HERBAL COMPOSITION AS ANTIMICROBIAL AND/OR ANTIBIOFILM AGENT

(57) Abstract: An extract of an herbal composition comprising at least two different dried plants useful as antimicrobial and/or antibiofilm agent in the treatment or prevention of microbial infections caused by bacteria, such as for example *Escherichia*, *Klebsiella*, *Listeria*, *Pseudomonas*, *Salmonella*, *Streptococcus* or *Staphylococcus*, or by fungi, such as for example is herein described. It has been found that in such extract, the active ingredients exert their biological effects in a synergistic manner. The extract may constitute the active ingredient of a food supplement, a nutraceutical, pharmaceutical or cosmetic composition or a functional food or a food additive. A process for preparing said extract is also described here.

WO 2018/083115 A1