

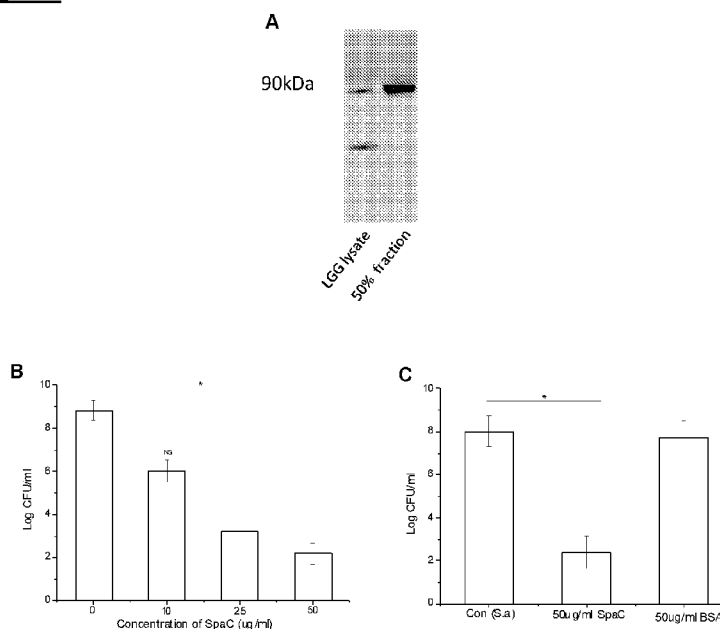


- (51) International Patent Classification:
A61K 35/745 (2015.01) A61P 31/04 (2006.01)
- (21) International Application Number:
PCT/GB2017/051372
- (22) International Filing Date:
17 May 2017 (17.05.2017)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
1608762.9 18 May 2016 (18.05.2016) GB
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- (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, 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, 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).

(54) Title: LACTOBACILLUS RHAMNOSUS LYSATE COMPOSITIONS AND USES THEREOF

Figure 3



(57) Abstract: The present invention relates to a composition comprising a probiotic extract, wherein the extract comprises a protein fraction derived from a secretion or lysate and having proteins of a molecular weight of up to 100 kDa. The composition may have a number of uses, such as for use in the prevention, management or treatment of bacterial infection or the enhancement and improvement of skin health.

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:

22 February 2018 (22.02.2018)

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2017/051372

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K35/745 A61P31/04
ADD.
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
A61K A61P
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2015/181534 A1 (UNIV MANCHESTER [GB]) 3 December 2015 (2015-12-03) cited in the application page 23, lines 15-20; claims page 20 - page 21 page 15 - page 16; figures -----	1-7, 13-35
X	W. MOHAMMEDSAEED ET AL: "Lactobacillus rhamnosus GG Inhibits the Toxic Effects of Staphylococcus aureus on Epidermal Keratinocytes", APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol. 80, no. 18, 15 September 2014 (2014-09-15), pages 5773-5781, XP055347831, ISSN: 0099-2240, DOI: 10.1128/AEM.00861-14	1-7, 13-19, 21-25, 29-31, 33-35
Y	page 5779 page 5774 - page 5775; figures 1,2,4,5 ----- -/--	8-12

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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Date of the actual completion of the international search 8 January 2018	Date of mailing of the international search report 23/01/2018
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Escolar Blasco, P

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2017/051372

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WALAA MOHAMMEDSAEED ET AL: "Lactobacillus rhamnosus GG Lysate Increases Re-Epithelialization of Keratinocyte Scratch Assays by Promoting Migration", SCIENTIFIC REPORTS, vol. 5, no. 1, 5 November 2015 (2015-11-05), XP055438613, DOI: 10.1038/srep16147 page 2</p> <p style="text-align: center;">-----</p>	1-7, 27-32
Y	<p>KRISTON GANGULI ET AL: "Lactobacillus rhamnosus GG and its SpaC pilus adhesin modulate inflammatory responsiveness and TLR-related gene expression in the fetal human gut", PEDIATRIC RESEARCH, vol. 77, no. 4, 12 January 2015 (2015-01-12), pages 528-535, XP055438719, US ISSN: 0031-3998, DOI: 10.1038/pr.2015.5 page 2, last paragraph - page 3 page 7, paragraph 4-5</p> <p style="text-align: center;">-----</p>	8-12
T	<p>C. S. ARDITA ET AL: "Epithelial Adhesion Mediated by Pilin SpaC Is Required for Lactobacillus rhamnosus GG-Induced Cellular Responses", APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol. 80, no. 16, 15 August 2014 (2014-08-15), pages 5068-5077, XP055296711, ISSN: 0099-2240, DOI: 10.1128/AEM.01039-14 page 5073, right-hand column - page 5074, left-hand column; figure 5</p> <p style="text-align: center;">-----</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2017/051372

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		CA 2950510 A1	03-12-2015
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