

Title (en)  
IMMUNOMODULATORY PRODUCT OBTAINED FROM A BIFIDOBACTERIUM CULTURE AND COMPOSITIONS CONTAINING THE SAME

Title (de)  
IMMUNOMODULATOR AUS KULTURÜBERSTÄNDEN DER BIFIDOBAKTERIEN

Title (fr)  
PRODUIT IMMUNOMODULATEUR OBTENU A PARTIR D'UNE CULTURE DE BIFIDOBACTERIUM ET COMPOSITIONS LE CONTENANT

Publication  
**EP 1615657 A1 20060118 (FR)**

Application  
**EP 04742462 A 20040408**

Priority  
• FR 2004000875 W 20040408  
• FR 0304745 A 20030416

Abstract (en)  
[origin: FR2853908A1] Immunomodulator obtained from cultures of Bifidobacterium brevel-2219. Immunomodulator obtained from cultures of Bifidobacterium brevel-2219 by the following process: (1) the bifidobacterium is used to seed a aqueous substrate at pH 6 - 8 containing the following: lactoserum permeate, lactoserum protein hydrolysate, and lactose, (2) the bifidobacterium is then incubated under aerobic or anaerobic conditions at a temperature between 30 and 40 [deg] C, (3) the bifidobacterium is eliminated from the aqueous substrate, (4) the aqueous substrate is ultrafiltered at 100 - 300 kDa to give a concentrate, (5) the concentrate is dehydrated, (6) the dehydrated product is dissolved in a buffer solution, (7) it undergoes exclusion chromatography on a column giving a threshold of exclusion at 600 kDa, and (8) the filtered product is recovered. ACTIVITY : Immunomodulator; Antibacterial; Gastrointestinal-Gen.. No suitable biological data provided. MECHANISM OF ACTION : Clostridium perfringens antagonist.

IPC 1-7  
**A61K 38/16**; **A61K 35/74**

IPC 8 full level  
**A61K 35/74** (2006.01); **A61K 35/745** (2015.01); **A61K 38/16** (2006.01); **A61P 37/02** (2006.01)

CPC (source: EP)  
**A23L 33/19** (2016.07); **A61K 35/745** (2013.01); **A61K 38/164** (2013.01); **A61P 37/02** (2017.12)

Citation (search report)  
See references of WO 2004093899A1

Citation (examination)  
ROMOND M B ET AL: "CELL-FREE WHEYS FROM BIFIDOBACTERIA FERMENTED MILKS EXERT A REGULATORY EFFECT ON THE INTESTINAL MICROFLORA OF MICE AND HUMANS", ANAEROBE, LONDON, GB, vol. 3, no. 2/03, 1 January 1997 (1997-01-01), pages 137 - 143, XP001033938, ISSN: 1075-9964, DOI: 10.1006/ANAE.1997.0090

Cited by  
WO2015065194A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2853908 A1 20041022**; **FR 2853908 B1 20050603**; EP 1615657 A1 20060118; WO 2004093899 A1 20041104

DOCDB simple family (application)  
**FR 0304745 A 20030416**; EP 04742462 A 20040408; FR 2004000875 W 20040408