

Title (en)

NOVEL LACTOBACILLUS PLANTARUM BACTERIAL STRAIN AND USES OF THIS STRAIN

Title (de)

NEUARTIGER LACTOBACILLUS PLANTARUM-BAKTERIENSTAMM UND VERWENDUNGEN DIESES STAMMES

Title (fr)

NOUVELLE SOUCHE BACTERIENNE DE LACTOBACILLUS PLANTARUM ET UTILISATIONS DE CETTE SOUCHE

Publication

EP 2929012 A1 20151014 (FR)

Application

EP 13801605 A 20131108

Priority

- FR 1203017 A 20121109
- FR 2013000288 W 20131108

Abstract (en)

[origin: WO2014072594A1] The present invention relates to the field of probiotics. More particularly, the present invention relates to a probiotic Lactobacillus plantarum bacterial strain which has a positive effect on the immune system, both in terms of innate immunity and in terms of adaptive immunity. This effect is manifested in particular in the case of influenza. Even more surprisingly, this bacterial strain exhibits resistance to bile salts, which are a stress inherent in the human digestive tract and in particular in the intestines. The present invention also relates to uses of said bacterial strain. Moreover, the present invention relates to a composition containing said strain.

IPC 8 full level

C12N 1/20 (2006.01); **A23L 29/00** (2016.01); **A61K 35/74** (2015.01); **C12R 1/25** (2006.01)

CPC (source: EP)

A23L 29/065 (2016.07); **A61P 31/00** (2017.12); **A61P 37/08** (2017.12); **C12N 1/20** (2013.01); **C12N 1/205** (2021.05); **A23V 2400/169** (2023.08); **A61K 35/74** (2013.01); **C12R 2001/25** (2021.05)

Citation (search report)

See references of WO 2014072594A1

Citation (examination)

ANONYME: "Document Properties JOURNÉES des MICROBIOLOGISTES de l'INRA 2012", 31 October 2012 (2012-10-31), Retrieved from the Internet <URL:https://colloque.inra.fr/jmicrobiologistes_inra/content/download/921/13981/version/1/file/JMI2012+-+Brochure+compl%C3%A8te+VF.pdf>

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014072594 A1 20140515; EP 2929012 A1 20151014; FR 2997960 A1 20140516; FR 2997960 B1 20160805

DOCDB simple family (application)

FR 2013000288 W 20131108; EP 13801605 A 20131108; FR 1203017 A 20121109