

Title (en)

METHOD FOR PRODUCING SPORES AND METABOLITES FROM FUNGAL MICROORGANISMS AND USES THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SPOREN UND METABOLITEN AUS PILZMIKROORGANISMEN UND VERWENDUNGEN DAVON

Title (fr)

PROCEDE DE PRODUCTION DE SPORES ET DE METABOLITES PROVENANT DE MICROORGANISMES D'ORIGINE FONGIQUE ET LEURS UTILISATIONS

Publication

EP 2173871 A2 20100414 (FR)

Application

EP 08832545 A 20080718

Priority

- FR 2008001064 W 20080718
- FR 0705519 A 20070727

Abstract (en)

[origin: WO2009037399A2] The invention relates to a method for producing spores from fungal microorganisms on a solid medium (solid medium fermentation " FMS "), said solid medium comprising an absorbent solid support of low density and practically non-fermentable, impregnated with an appropriate culture medium for said microorganisms and comprising a suspension of spores of said microorganisms, characterised in comprising the application of a stress selected from a water stress, an oxygen stress or a temperature stress during the spore production phase. The invention further relates to the use of the spores obtained and/or the metabolites thereof in agriculture, chemistry and/or pharmaceuticals.

IPC 8 full level

C12N 13/00 (2006.01); **C12N 1/14** (2006.01)

CPC (source: EP)

C12N 1/14 (2013.01); **C12N 3/00** (2013.01)

Citation (search report)

See references of WO 2009037399A2

Citation (examination)

- DALLA SANTA HERTA STUTZ ET AL: "Spore production of Beauveria bassiana from agro-industrial residues", BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol. 48, no. Sp. Iss. SI, June 2005 (2005-06-01), pages 51 - 60, ISSN: 1516-8913
- LAREO C ET AL: "Characterization of growth and sporulation of Mucor bacilliformis in solid state fermentation on an inert support", ENZYME AND MICROBIAL TECHNOLOGY, STONEHAM, MA, US, vol. 38, no. 3-4, 1 February 2006 (2006-02-01), pages 391 - 399, XP027948638, ISSN: 0141-0229, [retrieved on 20060201]

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2919304 A1 20090130; FR 2919304 B1 20121005; BR PI0814321 A2 20141021; EP 2173871 A2 20100414; MA 31544 B1 20100701; MX 2010001045 A 20100623; TN 2010000042 A1 20110926; WO 2009037399 A2 20090326; WO 2009037399 A3 20090514

DOCDB simple family (application)

FR 0705519 A 20070727; BR PI0814321 A 20080718; EP 08832545 A 20080718; FR 2008001064 W 20080718; MA 32558 A 20100126; MX 2010001045 A 20080718; TN 2010000042 A 20100122