

Title (en)

INCREASED HOMOGENEITY OF MYCOLOGICAL BIOPOLYMER GROWN INTO VOID SPACE

Title (de)

ERHÖHTE HOMOGENITÄT EINES IN EINEN HOHLRAUM GEWACHSENEN MYKOLOGISCHEN BIOPOLYMERS

Title (fr)

HOMOGÉNÉITÉ ACCRUE DE BIOPOLYMÈRE MYCOLOGIQUE MIS EN CROISSANCE DANS UN ESPACE VIDE

Publication

EP 3709791 A4 20210901 (EN)

Application

EP 18879939 A 20181114

Priority

- US 201762707704 P 20171114
- US 2018060983 W 20181114

Abstract (en)

[origin: WO2019099474A1] The method of growing a biopolymer material employs incubation of a growth media comprised of nutritive substrate and a fungus in containers that are placed in a closed incubation chamber with air flows passed over each container while the chamber is maintained with a predetermined environment of humidity, temperature, carbon dioxide and oxygen. The air flows may be directed parallel or perpendicularly to the surfaces of the growth media.

IPC 8 full level

A01G 18/60 (2018.01); **A01G 18/62** (2018.01); **A01G 18/69** (2018.01); **C12N 1/14** (2006.01)

CPC (source: CN EP IL KR)

A01G 18/60 (2018.01 - CN EP IL KR); **A01G 18/62** (2018.01 - CN EP IL KR); **A01G 18/69** (2018.01 - CN EP IL KR); **C12M 23/00** (2013.01 - EP IL KR); **C12M 29/06** (2013.01 - EP IL KR); **C12M 29/24** (2013.01 - EP IL KR); **C12N 1/14** (2013.01 - CN EP IL KR); **C12P 1/02** (2013.01 - CN EP IL KR)

Citation (search report)

- [E] WO 2020023450 A1 20200130 - ECOVATIVE DESIGN LLC [US]
- [E] WO 2020072140 A1 20200409 - ECOVATIVE DESIGN LLC [US]
- [XDI] US 2015033620 A1 20150205 - GREETHAM LUCY [US], et al
- [Y] US 3717953 A 19730227 - KUHN J, et al
- [Y] BORRAS E ET AL: "Trametes versicolor pellets production: Low-cost medium and scale-up", BIOCHEMICAL ENGINEERING JOURNAL, ELSEVIER, AMSTERDAM, NL, vol. 42, no. 1, 15 October 2008 (2008-10-15), pages 61 - 66, XP024341182, ISSN: 1369-703X, [retrieved on 20080707], DOI: 10.1016/J.BEJ.2008.05.014
- See references of WO 2019099474A1

Cited by

US11015059B2; DE102021134036A1; WO2023118093A1; US11891514B2

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

DOCDB simple family (publication)

WO 2019099474 A1 20190523; AU 2018367444 A1 20200702; BR 112020009426 A2 20201103; CA 3082407 A1 20190523; CN 111565559 A 20200821; CN 111565559 B 20230530; CN 116724823 A 20230912; EP 3709791 A1 20200923; EP 3709791 A4 20210901; IL 274577 A 20200630; JP 2021502827 A 20210204; JP 7394774 B2 20231208; KR 20200084344 A 20200710

DOCDB simple family (application)

US 2018060983 W 20181114; AU 2018367444 A 20181114; BR 112020009426 A 20181114; CA 3082407 A 20181114; CN 201880085759 A 20181114; CN 202310535867 A 20181114; EP 18879939 A 20181114; IL 27457720 A 20200511; JP 2020544385 A 20181114; KR 20207016618 A 20181114