

Title (en)
LIQUID-TIGHT AND GAS-PERMEABLE MEMBRANE, METHOD FOR THE PRODUCTION THEREOF, AND USE OF SUCH A MEMBRANE FOR THE IN VITRO BREEDING OF ARTHROPODS

Title (de)
FLÜSSIGKEITSDICHTE UND GASDURCHLÄSSIGE MEMBRAN, VERFAHREN ZUR HERSTELLUNG DAVON UND VERWENDUNG SOLCH EINER MEMBRAN ZUR IN-VITRO-ZÜCHTUNG VON ARTHROPODEN

Title (fr)
MEMBRANE ÉTANCHE AUX LIQUIDES ET PERMÉABLE AUX GAZ, PROCÉDÉ DE FABRICATION ET UTILISATION D'UNE TELLE MEMBRANE POUR L'ÉLEVAGE D'ARTHROPODES IN VITRO

Publication
EP 2948235 A1 20151202 (FR)

Application
EP 13811406 A 20131205

Priority
• FR 1261785 A 20121207
• EP 2013075653 W 20131205

Abstract (en)
[origin: WO2014086922A1] The invention relates to a liquid-tight and gas-permeable membrane (12) comprising a polymer chitosan film having a thickness of less than 1 µm and impregnated with at least one hydrophobic compound, especially a mixture of C20-C40 alkanes. A system for the in vitro breeding of an arthropod (11) comprises such a membrane inserted between a restraint chamber (10) of said arthropod and a nutritive medium (15) for said arthropod.

IPC 8 full level
A01K 67/033 (2006.01); **B01D 67/00** (2006.01); **B01D 69/02** (2006.01); **B01D 71/08** (2006.01)

CPC (source: EP)
A01K 67/033 (2013.01); **B01D 67/0088** (2013.01); **B01D 69/02** (2013.01); **B01D 71/08** (2013.01); **B01D 2323/04** (2013.01); **B01D 2325/38** (2013.01)

Citation (search report)
See references of WO 2014086922A1

Citation (examination)
• OJAGH S M ET AL: "Development and evaluation of a novel biodegradable film made from chitosan and cinnamon essential oil with low affinity toward water", FOOD CHEMISTRY, ELSEVIER LTD, NL, vol. 122, no. 1, 1 September 2010 (2010-09-01), pages 161 - 166, XP026997533, ISSN: 0308-8146, [retrieved on 20100216]
• SANCHEZ-GONZALEZ L ET AL: "Physical and antimicrobial properties of chitosan-tea tree essential oil composite films", JOURNAL OF FOOD ENGINEERING, BARKING ESSEX, GB, vol. 98, no. 4, 1 June 2010 (2010-06-01), pages 443 - 452, XP026934593, ISSN: 0260-8774, [retrieved on 20100204], DOI: 10.1016/J.JFOODENG.2010.01.026

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 2014086922 A1 20140612; EP 2948235 A1 20151202; FR 2999095 A1 20140613; FR 2999095 B1 20160610

DOCDB simple family (application)
EP 2013075653 W 20131205; EP 13811406 A 20131205; FR 1261785 A 20121207