

Title (en)  
INSECT-REPELLENT COMPOSITION COMPRISING ONE OR MORE INSECT-REPELLENT FATTY ACIDS HAVING BETWEEN 9 AND 21 CARBON ATOMS

Title (de)  
INSEKTENABWEHRENDE ZUSAMMENSETZUNG MIT EINER ODER MEHREREN INSEKTENABWEHRENDEN FETTSÄUREN MIT 9 BIS 21 KOHLENSTOFFATOMEN

Title (fr)  
COMPOSITION INSECTIFUGE COMPRENANT UN OU PLUSIEURS ACIDE(S) GRAS INSECTIFUGE PRESENTANT ENTRE 9 ET 21 ATOMES DE CARBONE

Publication  
**EP 3772952 A4 20220302 (FR)**

Application  
**EP 19782285 A 20190405**

Priority  

- FR 1852984 A 20180405
- IB 2019052815 W 20190405

Abstract (en)  
[origin: WO2019193561A2] The invention relates to an insect-repellent composition comprising: - an insect-repellent component containing one or more fatty acids with from 9 to 21 carbon atoms; - a non-aqueous solvent; and - less than 1% by weight water.

IPC 8 full level  
**A01N 37/02** (2006.01); **A01N 31/06** (2006.01); **A01N 37/18** (2006.01); **A01N 37/46** (2006.01); **A01N 47/16** (2006.01); **A01N 65/22** (2009.01); **A01P 17/00** (2006.01)

CPC (source: EP IL KR US)  
**A01M 29/12** (2013.01 - KR); **A01N 31/06** (2013.01 - KR US); **A01N 31/08** (2013.01 - US); **A01N 37/02** (2013.01 - EP IL KR US); **A01N 37/18** (2013.01 - IL KR US); **A01N 37/30** (2013.01 - US); **A01N 43/40** (2013.01 - US); **A01N 61/00** (2013.01 - IL); **A01N 65/22** (2013.01 - KR US); **A01P 17/00** (2021.08 - EP US); **A01M 2200/01** (2013.01 - KR)

Citation (search report)  

- [X] WO 2017199145 A1 20171123 - UNIV PRETORIA [ZA]
- [X] US 2003104023 A1 20030605 - REIFENRATH WILLIAM G [US]
- [X] US 2015017217 A1 20150115 - REIFENRATH WILLIAM [US]
- [Y] EP 3021672 A1 20160525 - FMC CORP [US]
- [Y] EP 2653034 A1 20131023 - SOLNOVA AG [CH]
- [XY] KR 20110061991 A 20110610 - CHEONG JUN YOUNG [KR]
- [Y] FR 2899061 A1 20071005 - CID LINES NV [BE]
- [Y] MEHR ZIA A. ET AL: "LABORATORY EVALUATION OF CONTROLLED-RELEASE INSECT REPELLENT FORMULATIONS", J. AM. MOSQ. CONTROL ASSOC, vol. 1, no. 2, 1 June 1985 (1985-06-01), pages 143 - 147, XP055834232, Retrieved from the Internet <URL:https://core.ac.uk/download/pdf/21596361.pdf>
- [Y] GUPTA RAJ K ET AL: "LABORATORY EVALUATION OF CONTROLLED-RELEASE REPELLENT FORMULATIONS ON HUMAN VOT, TITNERS UNDER THREE CLIMATIC REGIMENS", J. AM. MOSQ. CONTROL ASSOC, vol. 5, no. 1, 1 March 1989 (1989-03-01), pages 52 - 55, XP055834235, Retrieved from the Internet <URL:https://www.biodiversitylibrary.org/content/part/JAMCA/JAMCA\_V05\_N1\_P052-055.pdf>
- [XY] KONAN Y.L. ET AL: "Comparison of the effect of two excipients (karite nut butter and vaseline) on the efficacy of Cocos nucifera, Elaeis guineensis and Carapa procera oil-based repellents formulations against mosquitoes biting in Ivory Coast", PARASITE, vol. 10, no. 2, 1 June 2003 (2003-06-01), FR, pages 181 - 184, XP055834229, ISSN: 1252-607X, Retrieved from the Internet <URL:https://www.parasite-journal.org/articles/parasite/pdf/2003/02/parasite2003102p181.pdf> DOI: 10.1051/parasite/2003102181
- See references of WO 2019193561A2

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 2019193561 A2 20191010; WO 2019193561 A3 20191128**; AU 2019249372 A1 20201015; BR 112020020425 A2 20210112; CA 3095975 A1 20191010; CN 112118739 A 20201222; CN 112118739 B 20230110; CN 115812710 A 20230321; EP 3772952 A2 20210217; EP 3772952 A4 20220302; FR 3079716 A1 20191011; FR 3079716 B1 20200424; IL 277788 A 20201231; IL 277788 B1 20230501; IL 277788 B2 20230901; JP 2021520359 A 20210819; KR 20200142024 A 20201221; MX 2020010394 A 20201022; RU 2020132017 A 20220505; US 2021144995 A1 20210520

DOCDB simple family (application)  
**IB 2019052815 W 20190405**; AU 2019249372 A 20190405; BR 112020020425 A 20190405; CA 3095975 A 20190405; CN 201980023347 A 20190405; CN 202211408988 A 20190405; EP 19782285 A 20190405; FR 1852984 A 20180405; IL 27778820 A 20201004; JP 2020554109 A 20190405; KR 20207031782 A 20190405; MX 2020010394 A 20190405; RU 2020132017 A 20190405; US 201917045192 A 20190405