

Title (en)

PSEUDOMONAS STRAINS AND THEIR METABOLITES TO CONTROL PLANT DISEASES

Title (de)

PSEUDOMONAS-STÄMME UND IHRE METABOLITEN ZUR BEKÄMPFUNG VON PFLANZENKRANKHEITEN

Title (fr)

SOUCHES DE PSEUDOMONAS ET LEURS MÉTABOLITES POUR LUTTER CONTRE LES MALADIES DES PLANTES

Publication

EP 4225894 A1 20230816 (EN)

Application

EP 21791575 A 20211004

Priority

- TW 109134454 A 20201005
- US 202017063540 A 20201005
- US 2020054303 W 20201005
- AR P200102757 A 20201005
- US 2021053405 W 20211004

Abstract (en)

[origin: WO2022076351A1] The present disclosure concerns methods of using novel bacterial strains of 0617- T307, 0917-T305, 0917-T306, 0917-T307, 0118-T319, 0318-T327, and 0418-T328, the cell broth and novel metabolites produced from the bacterial strains, that can inhibit the growth of a variety of fish pathogens. The methods include use of novel, potent antimicrobial metabolites produced from the strains corresponding to a compound having Formula (I):

IPC 8 full level

C12N 1/20 (2006.01); **A01N 63/27** (2020.01); **C07D 213/90** (2006.01)

CPC (source: EP KR)

A01N 31/02 (2013.01 - EP); **A01N 43/40** (2013.01 - EP KR); **A01N 63/27** (2020.01 - EP KR); **A01P 1/00** (2021.08 - EP KR); **A01P 3/00** (2021.08 - KR); **C07D 213/90** (2013.01 - EP); **C12N 1/205** (2021.05 - EP KR); **C12R 2001/38** (2021.05 - EP KR); **Y02A 40/81** (2017.12 - EP)

C-Set (source: EP)

1. **A01N 63/27 + A01N 43/40**
2. **A01N 63/27 + A01N 25/04 + A01N 25/30 + A01N 31/02**
3. **A01N 31/02 + A01N 25/04 + A01N 25/30 + A01N 25/32**

Citation (search report)

See references of WO 2022076323A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022076351 A1 20220414; CA 3195920 A1 20220414; CA 3197854 A1 20220414; CL 2023000979 A1 20230922; CN 116634877 A 20230822; EP 4225894 A1 20230816; EP 4225895 A1 20230816; JP 2023546531 A 20231102; KR 20230080450 A 20230607; MX 2023004044 A 20230427

DOCDB simple family (application)

US 2021053482 W 20211005; CA 3195920 A 20211005; CA 3197854 A 20211004; CL 2023000979 A 20230404; CN 202180068793 A 20211005; EP 21791575 A 20211004; EP 21794692 A 20211005; JP 2023545892 A 20211004; KR 20237014745 A 20211004; MX 2023004044 A 20211004