

Title (en)

FUSARIUM AND FUSARIUM MYCOTOXIN BIOCONTROL

Title (de)

FUSARIUM- UND FUSARIUM-MYCOTOXIN-BIOKONTROLLE

Title (fr)

LUTTE BIOLOGIQUE CONTRE FUSARIUM ET LES MYCOTOXINES DE FUSARIUM

Publication

EP 2470659 A4 20130710 (EN)

Application

EP 10811051 A 20100830

Priority

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- CA 2010001253 W 20100830

Abstract (en)

[origin: WO2011022809A1] The present invention relates to a novel ascomyceteous fungus, *Sphaerodes mycoparasitia* strain IDAC 301008-01, for controlling *Fusarium* plant pathogens, disease symptoms, and mycotoxins in planta and ex planta. Uses, methods, compositions, sequences, and products are also disclosed herein.

IPC 8 full level

C12N 15/31 (2006.01); **A01N 63/30** (2020.01); **A01N 63/50** (2020.01); **A01P 3/00** (2006.01); **C07K 14/37** (2006.01); **C12N 1/14** (2006.01); **C12N 15/63** (2006.01); **C12N 15/80** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP US)

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C-Set (source: EP US)

A01N 63/50 + A01N 63/30

Citation (search report)

- [T] US 2012156173 A1 20120621 - VUJANOVIC VLADIMIR [CA]
- [AP] Y. K. GOH ET AL: "Sphaerodes quadrangularis biotrophic mycoparasitism on *Fusarium avenaceum*", MYCOLOGIA, vol. 102, no. 4, 1 July 2010 (2010-07-01), pages 757 - 762, XP055065020, ISSN: 0027-5514, DOI: 10.3852/09-171
- [AL] MALZ S ET AL: "Identification of a gene cluster responsible for the biosynthesis of aurofusarin in the *Fusarium graminearum* species complex", FUNGAL GENETICS AND BIOLOGY, SAN DIEGO, CA, US, vol. 42, no. 5, 1 May 2005 (2005-05-01), pages 420 - 433, XP027233744, ISSN: 1087-1845, [retrieved on 20050401]
- See references of WO 2011022809A1

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DOCDB simple family (application)

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