Title (en)

SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING PLANTS AND RELATED METHODS

Title (de)

LÖSUNGEN ZUR VERBESSERUNG DER WIRKSAMKEIT VON INSEKTIZIDEN UND FUNGIZIDEN AN LEBENDEN PFLANZEN UND ZUGEHÖRIGE VERFAHREN

Title (fr)

SOLUTIONS POUR AMÉLIORER L'EFFICACITÉ D'INSECTICIDES ET DE FONGICIDES SUR DES PLANTES VIVANTES ET PROCÉDÉS ASSOCIÉS

Publication

EP 3890485 A1 20211013 (EN)

Application

EP 19892294 A 20190619

Priority

- US 201816208976 A 20181204
- US 2019037851 W 20190619

Abstract (en)

[origin: WO2020117315A1] The present invention relates to a solution for resisting destruction of living plants and a related method. A solution including a buffered amine oxide admixed with at least one material selected from the group consisting of insecticides and fungicides is applied to the living plant and provides a synergistically effective greater resistance to living plant deterioration than any of the individual buffered amine oxide, insecticides and fungicides achieve. A related method is disclosed.

IPC 8 full level

A01N 25/30 (2006.01); **A01N 25/00** (2006.01); **A01N 33/24** (2006.01); **A01N 53/00** (2006.01)

CPC (source: EP)

A01N 25/30 (2013.01); **A01N 33/24** (2013.01); **A01P 3/00** (2021.08); **A01P 7/04** (2021.08)

C-Set (source: EP)

1. **A01N 33/24** + **A01N 25/02** + **A01N 37/40** + **A01N 43/22** + **A01N 43/56** + **A01N 47/38** + **A01N 53/00** + **A01N 57/28**
2. **A01N 25/30** + **A01N 25/02** + **A01N 37/40** + **A01N 43/22** + **A01N 43/56** + **A01N 47/38** + **A01N 53/00** + **A01N 57/28**

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 2020117315 A1 20200611; AU 2019391691 A1 20210603; BR 112021010837 A2 20210824; CA 3120560 A1 20200611; CL 2021001443 A1 20220225; CL 2023002315 A1 20240308; EP 3890485 A1 20211013; EP 3890485 A4 20220817; MX 2021006587 A 20210707; MX 2024000187 A 20240129

DOCDB simple family (application)

US 2019037851 W 20190619; AU 2019391691 A 20190619; BR 112021010837 A 20190619; CA 3120560 A 20190619; CL 2021001443 A 20210602; CL 2023002315 A 20230804; EP 19892294 A 20190619; MX 2021006587 A 20190619; MX 2024000187 A 20210603