

Title (en)

USE OF SAFENERS WITH PPO INHIBITOR HERBICIDES

Title (de)

VERWENDUNG VON SAFENERN MIT PPO-INHIBITOR HERBIZIDEN

Title (fr)

UTILISATION DE PHYTOPROTECTEURS AVEC DES HERBICIDES INHIBITEURS DE PPO

Publication

**EP 3429353 A4 20190814 (EN)**

Application

**EP 17767164 A 20170306**

Priority

- US 201662308356 P 20160315
- US 2017020942 W 20170306

Abstract (en)

[origin: WO2017160524A1] Methods, compositions, and methods for making compositions for reducing crop injury by applying to crops a composition containing one or more safeners and an herbicide composition containing a protoporphyrinogen oxidase (PPO) inhibitor are disclosed. In particular aspects, the safener composition contains cloquintocet-mexyl and/or mefenpyr-diethyl.

IPC 8 full level

**A01N 43/40** (2006.01); **A01N 25/32** (2006.01); **A01N 43/90** (2006.01); **A01P 13/02** (2006.01)

CPC (source: EP KR)

**A01N 25/32** (2013.01 - KR); **A01N 43/16** (2013.01 - EP); **A01N 43/653** (2013.01 - EP KR); **A01N 43/90** (2013.01 - KR); **A01P 13/00** (2021.08 - KR)

Citation (search report)

- [A] WO 2014028165 A1 20140220 - DOW AGROSCIENCES LLC [US]
- [A] WO 2014018358 A1 20140130 - DOW AGROSCIENCES LLC [US]
- See references of WO 2017160524A1

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 2017160524 A1 20170921**; AR 107843 A1 20180613; AU 2017234507 A1 20180927; AU 2021204658 A1 20210729; AU 2023214309 A1 20230831; BR 112018068518 A2 20190122; CA 3016885 A1 20170921; CN 108777959 A 20181109; CN 108777959 B 20220415; EP 3429353 A1 20190123; EP 3429353 A4 20190814; JP 2019511499 A 20190425; JP 2022058528 A 20220412; KR 20180119603 A 20181102; KR 20230012657 A 20230126; MX 2018011137 A 20190114; TW 201735791 A 20171016; TW I755382 B 20220221

DOCDB simple family (application)

**US 2017020942 W 20170306**; AR P170100592 A 20170310; AU 2017234507 A 20170306; AU 2021204658 A 20210702; AU 2023214309 A 20230810; BR 112018068518 A 20170306; CA 3016885 A 20170306; CN 201780017166 A 20170306; EP 17767164 A 20170306; JP 2018548835 A 20170306; JP 2022001428 A 20220107; KR 20187026524 A 20170306; KR 20237000671 A 20170306; MX 2018011137 A 20170306; TW 106108566 A 20170315