

Title (en)

USE OF ETHERIFIED LACTATE ESTERS FOR REDUCING THE DRIFT DURING THE APPLICATION OF PLANT-TREATMENT AGENTS

Title (de)

VERWENDUNG VON VERETHERTEN LAKTATESTERN ZUR VERMINDERUNG DER DRIFT BEI DER APPLIKATION VON PFLANZENBEHANDLUNGSMITTELN

Title (fr)

UTILISATION D'ESTERS DE LACTATE ÉTHÉRIFIÉS POUR DIMINUER LA DÉRIVE LORS DE L'APPLICATION D'AGENTS DE TRAITEMENT DES PLANTES

Publication

**EP 3179854 A1 20170621 (DE)**

Application

**EP 15750061 A 20150813**

Priority

- DE 102014011961 A 20140815
- DE 102014012054 A 20140818
- EP 2015068715 W 20150813

Abstract (en)

[origin: WO2016024004A1] The invention relates to the use of one or more etherified lactate esters of formula (I) for reducing the drift during the application of plant-treatment agents, wherein R represents an unbranched or branched saturated alkyl, having 1 to 30 carbon atoms, or an unbranched or branched mono- or polyunsaturated alkenyl having 2 to 30 carbon atoms, R1 represents a radical of formula -(AO)<sub>m</sub>-R', (AO)<sub>m</sub>, which is composed of ethylene oxide units, composed of propylene oxide units, composed of butylene oxide units, composed of mixtures of ethylene oxide- and propylene oxide units, or composed of mixtures of ethylene oxide units and butylene oxide units, wherein m represents on average an integer between 1 and 30, and R' represents hydrogen, a branched or unbranched saturated alkyl radical having 1 to 20 carbon atoms, or a branched or unbranched mono- or polyunsaturated alkylene radical having 2 to 20 carbon atoms.

IPC 8 full level

**A01N 25/30** (2006.01); **A01N 37/40** (2006.01)

CPC (source: CN EP US)

**A01N 25/02** (2013.01 - US); **A01N 25/06** (2013.01 - CN EP US); **A01N 25/24** (2013.01 - US); **A01N 25/30** (2013.01 - CN);  
**A01N 37/40** (2013.01 - CN)

Citation (search report)

See references of WO 2016024004A1

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 2016024004 A1 20160218**; AU 2015303118 A1 20170309; BR 112017002519 A2 20171205; CN 107072200 A 20170818;  
EP 3179854 A1 20170621; US 2017223952 A1 20170810

DOCDB simple family (application)

**EP 2015068715 W 20150813**; AU 2015303118 A 20150813; BR 112017002519 A 20150813; CN 201580043926 A 20150813;  
EP 15750061 A 20150813; US 201515502998 A 20150813