

Title (en)

USE OF A NON-IONIC SURFACTANT WHICH IS A POLYOL DERIVATIVE AS A PLANT GROWTH STIMULATING AGENT OR AS AN ADJUVANT

Title (de)

VERWENDUNG EINES NICHTIONISCHEN TENSIDS, DAS EIN POLYOLDERIVAT IST, ALS PFLANZENWACHSTUMSSTIMULATOR ODER ALS ADJUVANS

Title (fr)

Utilisation d'un tensioactif non ionique dérivé de polyols en tant qu'agent stimulateur de la croissance végétale ou en tant qu'adjuvant

Publication

EP 3664610 A2 20200617 (FR)

Application

EP 18762383 A 20180807

Priority

- FR 1757557 A 20170807
- FR 2018052033 W 20180807

Abstract (en)

[origin: WO2019030456A2] The invention relates to the use of at least one non-ionic surfactant, which is a polyol derivative, as an agent for stimulating plant growth, in particular for germination and/or root growth (including root architecture), as well as to its use as an adjuvant, said polyol derivative being a sugar derivative. The non-ionic surfactant is selected from sugar and fatty acid esters, alkylmonoglucosides, alkylpolyglucosides, alkylmonoglucoside and fatty acid esters, alkylpolyglucoside and fatty acid esters, and N-alkylglucamides, in particular, sucrose esters, sorbitan esters, and glucose esters.

IPC 8 full level

A01N 43/16 (2006.01); **A01N 45/00** (2006.01); **A01P 21/00** (2006.01)

CPC (source: EP US)

A01N 43/16 (2013.01 - EP US)

Citation (search report)

See references of WO 2019030456A2

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 2019030456 A2 20190214; WO 2019030456 A3 20190411; BR 112020002527 A2 20200804; CA 3072122 A1 20190214; CN 111432640 A 20200717; EP 3664610 A2 20200617; FR 3069756 A1 20190208; FR 3069756 B1 20200110; US 2020236933 A1 20200730

DOCDB simple family (application)

FR 2018052033 W 20180807; BR 112020002527 A 20180807; CA 3072122 A 20180807; CN 201880064306 A 20180807; EP 18762383 A 20180807; FR 1757557 A 20170807; US 201816636698 A 20180807