

Title (en)

GRANULAR COMPOSITION FOR AGRICULTURAL USE CAPABLE OF INCREASING THE AMOUNT OF OXYGEN IN THE GROWTH MEDIUM

Title (de)

GRANULÄRE ZUSAMMENSETZUNG FÜR LANDWIRTSCHAFTLICHE VERWENDUNG MIT DER FÄHIGKEIT ZUR ERHÖHUNG DER SAUERSTOFFMENGE IM WACHSTUMSMEDIUM

Title (fr)

COMPOSITION GRANULAIRE À USAGE AGRICOLE CAPABLE D'ACCROÎTRE LA QUANTITÉ D'OXYGÈNE DANS LE MILIEU DE CROISSANCE

Publication

**EP 3558899 A1 20191030 (EN)**

Application

**EP 17832363 A 20171222**

Priority

- IT 201600130834 A 20161223
- IB 2017058338 W 20171222

Abstract (en)

[origin: WO2018116264A1] The present invention relates to a fertilizer formulation comprising granules comprising at least one fertilizing substance and a mixture comprising a polymer (P) and at least one inorganic peroxide, to a process for the preparation of said formulation and to the uses thereof. In an embodiment, the polymer is a polypropylene glycol, a polyethylene glycol, or a derivative thereof. The inorganic peroxide is at least one among calcium peroxide, magnesium peroxide, barium peroxide, sodium peroxide, lithium peroxide, and potassium peroxide, preferably calcium peroxide.

IPC 8 full level

**C05G 3/00** (2006.01)

CPC (source: EP)

**C05G 5/37** (2020.02); **C05G 5/40** (2020.02)

Citation (search report)

See references of WO 2018116264A1

Cited by

CN116496123A

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 2018116264 A1 20180628**; EP 3558899 A1 20191030; IT 201600130834 A1 20180623

DOCDB simple family (application)

**IB 2017058338 W 20171222**; EP 17832363 A 20171222; IT 201600130834 A 20161223