

Title (en)
A NOVEL ECOLOGICAL AND BIOLOGICAL ORGANOMINERAL FERTILIZER

Title (de)
NEUARTIGER ÖKOLOGISCHER UND BIOLOGISCHER ORGANOMINERALISCHER DÜNGER

Title (fr)
NOUVEL ENGRAIS ORGANOMINÉRAL ÉCOLOGIQUE ET BIOLOGIQUE

Publication
EP 3814300 A4 20220309 (EN)

Application
EP 19797149 A 20190107

Priority
• TR 201806314 A 20180504
• TR 2019050011 W 20190107

Abstract (en)
[origin: WO2019212440A1] The invention relates to solid organomineral fertilizer which provides switching to biological farming from agrichemical and increase of efficiency of product obtained by agriculture, and which is obtained by blending of organic fertilizers and chemical raw materials, and which is controlled-release, and which has properties of being ecological and biological.

IPC 8 full level
C05F 3/00 (2006.01); **C05B 1/04** (2006.01); **C05D 9/00** (2006.01); **C05G 1/00** (2006.01)

CPC (source: EP)
C05B 1/04 (2013.01); **C05D 9/00** (2013.01)

Citation (search report)
• [X] US 2011286799 A1 20111124 - DE LA GARZA DIANA LILIA VILLAFANA [MX], et al
• [X] RS 20160702 A1 20180228 - TMB DIAMOND DOO [RS]
• [X] RU 2184102 C2 20020627 - OLOGII NERUDNYKH POLEZNYKH ISK, et al
• [X] CN 101921151 B 20121226 - UNIV SOUTHWEST
• [X] US 2018057419 A1 20180301 - REZAI TAHA [US], et al
• [X] LI Z ED - O'CONNOR ANDREA J ET AL: "Use of surfactant-modified zeolite as fertilizer carriers to control nitrate release", MICROPOROUS AND MESOPOROUS MATERIALS, ELSEVIER, AMSTERDAM ,NL, vol. 61, no. 1-3, 18 July 2003 (2003-07-18), pages 181 - 188, XP004437472, ISSN: 1387-1811, DOI: 10.1016/S1387-1811(03)00366-4
• [X] "ADVANCES IN AGRONOMY", vol. 113, 1 January 2011, ACADEMIC PRESS, SAN DIEGO, CA., US, ISBN: 978-0-12-000793-6, ISSN: 0065-2113, article KULASEKARAN RAMESH ET AL: "Zeolites and Their Potential Uses in Agriculture", pages: 219 - 241, XP055320520, DOI: 10.1016/B978-0-12-386473-4.00004-X
• See references of WO 2019212440A1

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 2019212440 A1 20191107; EP 3814300 A1 20210505; EP 3814300 A4 20220309

DOCDB simple family (application)
TR 2019050011 W 20190107; EP 19797149 A 20190107