

Title (en)

FERTILIZER AND METHOD FOR ITS MANUFACTURE AND USE OF FERTILIZER PRODUCT

Title (de)

DÜNGEMITTEL UND VERFAHREN ZU DESSEN HERSTELLUNG UND VERWENDUNG DES DÜNGEMITTELPRODUKTS

Title (fr)

ENGRAIS, SON PROCÉDÉ DE FABRICATION, ET UTILISATION DUDIT ENGRAIS

Publication

EP 3455193 A4 20191225 (EN)

Application

EP 17795681 A 20170512

Priority

- FI 20165406 A 20160513
- FI 2017050368 W 20170512

Abstract (en)

[origin: WO2017194843A1] The disclosure relates to a fertilizer comprising a mixture of wood ash, nitrogen source and water in the form of granules. The invention further relates to the use of said fertilizer as a forest fertilizer, particularly as a fertilizer for peat forests and/or moorlands, and a process for the preparation of a fertilizer comprising a mixing step to form a mixture, a compacting and an after-treatment steps to obtain a fertilizer granules suitable for forest fertilization.

IPC 8 full level

C05C 9/00 (2006.01); **B09B 3/38** (2022.01); **C05F 5/00** (2006.01); **C05F 11/00** (2006.01)

CPC (source: EP FI)

C05C 9/00 (2013.01 - EP FI); **C05C 9/005** (2013.01 - EP FI); **C05F 5/00** (2013.01 - EP FI); **C05F 11/00** (2013.01 - EP FI); **C05F 11/02** (2013.01 - FI)

Citation (search report)

- [IA] US 4710219 A 19871201 - WAHLBERG ARVO [FI], et al
- [A] HOLMBERG S L ET AL: "Drying of granulated wood ash by flue gas from saw dust and natural gas combustion", RESOURCES, CONSERVATION AND RECYCLING, ELSEVIER, AMSTERDAM, NL, vol. 38, no. 4, 1 July 2003 (2003-07-01), pages 301 - 316, XP004428558, ISSN: 0921-3449, DOI: 10.1016/S0921-3449(02)00165-9
- See references of WO 2017194843A1

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 2017194843 A1 20171116; EP 3455193 A1 20190320; EP 3455193 A4 20191225; FI 127608 B 20181015; FI 20165406 A 20171114

DOCDB simple family (application)

FI 2017050368 W 20170512; EP 17795681 A 20170512; FI 20165406 A 20160513