

Title (en)

A SOIL CONDITIONER AND APPLICATIONS RELATED THERETO

Title (de)

BODENVERBESSERUNGSMITTEL UND ZUGEHÖRIGE ANWENDUNGEN

Title (fr)

AGENT DE CONDITIONNEMENT DU SOL ET APPLICATIONS ASSOCIÉES À CELUI-CI

Publication

EP 4281514 A1 20231129 (EN)

Application

EP 22703971 A 20220110

Priority

- IN 202131002666 A 20210120
- IB 2022050134 W 20220110

Abstract (en)

[origin: WO2022157593A1] The present, disclosure relates to soil conditioner composition. The soil conditioner promotes conditioning of soil, improves plant growth and yield, improves nutrient uptake of the plant. The disclosure further relates to a method of preparing the soil conditioner. The present disclosure also relates to a method of improving plant growth and yield, a method of improving nutrient uptake of the plant and to a method of conditioning the soil. The soil conditioner is effective in promoting plant growth and yield, effective in nutrient uptake of the plant and effective in improving the properties of soil when compared to commercially available gypsum and recommended dose of fertilizer.

IPC 8 full level

C09K 17/04 (2006.01); **C05D 9/02** (2006.01); **C09K 17/06** (2006.01)

CPC (source: EP)

C05B 15/00 (2013.01); **C09K 17/04** (2013.01); **C09K 17/06** (2013.01)

Citation (search report)

See references of WO 2022157593A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022157593 A1 20220728; CN 117043303 A 20231110; EP 4281514 A1 20231129

DOCDB simple family (application)

IB 2022050134 W 20220110; CN 202280021165 A 20220110; EP 22703971 A 20220110