

Title (en)
METHOD FOR PRODUCING A MATERIAL WITH A GROUND CLAY AND GROUND ROCK BASE THAT PROMOTES PLANT GROWTH AND THE RESULTANT PRODUCT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES PFLANZENWACHSTUMSFÖRDERNDEN MATERIALS AUF TON- UND GESTEINSMEHLBASIS UND PRODUKT DARAUS

Title (fr)
PROCEDE DE PRODUCTION D'UNE MATIERE A BASE D'ARGILE ET DE PIERRE FAVORISANT LA CROISSANCE DES PLANTES ET PRODUIT RESULTANT

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Application
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Abstract (en)
[origin: WO02085815A1] The invention relates to a ground material, obtained by grinding mineral materials. Said ground material is mixed with matured compost and/or sludge, obtained by the elutriation of mature compost and is matured under controlled conditions, in particular at a temperature limited to 60 DEG C, for several weeks or several months. During said maturing process, the mineral material decomposes and biological activation occurs by means of the micro-organisms (fungi etc.) that have formed during the activation phase. The product thus obtained has an improved action for promoting plant growth. In a preferred embodiment, a plant seed cultivation is carried out on the activated substrate, in particular a thin layer cultivation. The green matter that has been formed, in addition to the substrate with interspersed roots, can e.g. be ground to produce an enriched product. The advantages already offered by the activated product are demonstrated by the addition of the green matter that has formed to inactivated (41, 43, 46) and activated material (42, 44, 45).

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