

Title (en)

METHOD AND APPARATUS FOR MANUFACTURE OF A USEFUL PRODUCT FROM SLUDGE, AND ITS USE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES NUTZPRODUKTS AUS SCHLAMM UND VERWENDUNG DAVON

Title (fr)

PROCEDE ET APPAREIL DE FABRICATION D'UN PRODUIT UTILE A PARTIR DE BOUE ET SON UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO2005121033A1] The invention relates to a method for producing, from a clumpy digestion sludge, a useful product formed of fine, separate particles. According to the invention, clumpy digestion sludge is fed simultaneously with solid material of inorganic and/or organic origin, and air into the grinder which operates on the principle of a double-action impact mill, in which digestion sludge is comminuted into small particles typically <1mm in size, the comminuted digestion sludge is brought into effective contact with air in order to stop anaerobic reactions in the digestion sludge, and the digestion sludge particles are dispersed in solid material of inorganic and/or organic origin, or solid material of inorganic and/or organic origin is dispersed in the digestion sludge particles in order to form a useful product formed from separate particles. The invention also relates to an apparatus for carrying out the method and the use of the final product.

IPC 8 full level

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