

Title (en)

METHOD FOR THE MYCELIAL DEGRADATION OF ORGANIC MATTER, WHICH IS POTENTIATED WITH THE ADDITION OF MESOPHILIC OR THERMOPHILIC MICROFUNGI

Title (de)

VERFAHREN ZUM MYCELIALEN ABBAU VON ORGANISCHER SUBSTANZ, DAS DURCH DIE ZUGABE VON MESOPHILEN ODER THERMOPHILEN MIKROFUNGI POTENZIERT WIRD

Title (fr)

PROCEDE DE DEGRADATION DE LA MATIERE ORGANIQUE PAR VOIE MYCELIENNE POTENTIALISE PAR ADJONCTION DE MICROMYCETES MESOPHILES OU THERMOPHILES

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Abstract (en)

[origin: WO2006008347A1] The invention relates to a method of reducing the volume of predominantly-urban sewage plant sludge, comprising a basic sludge-treatment step using microfungi, preferably microfungi cultivated continuously in parallel. According to the invention, the aforementioned treatment with microfungi is potentiated with the addition of mesophilic or thermophilic microfungi which are placed in suitable temperature conditions such as to generate enzymatic degradation, preferably between 15 and 75 °C. The invention also relates to an installation for the treatment of predominantly-urban sewage plant sludge, which can be used to implement said method.

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