

Abstract

AEROBIC METHOD AND DEVICE FOR TREATING ORGANIC MATERIAL

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In an aerobic method for treating organic material, the following steps are carried out: a) loading a treatment unit (1) with organic material to be treated; b) covering the organic material to be treated with a moisture- and/or air-permeable, but at least odor emission-reducing, first membrane; c) aerobic treatment of the organic material by actively supplying air to the organic material and the supplied air flowing through said organic material; d) turning over the organic material using a turning-over device (2), wherein the organic material is homogenized and/or mixed, wherein optionally the active supply of air to the organic material is interrupted and/or reduced during the turning over operation, e) continuing the supply of air according to step c). For the turning over, a turning-over device (2) is used, which is moved along the direction of longitudinal extent (X) of the treatment unit (1). The organic material is thereby turned over by means of a turning-over roller (21). The turning-over device (2) has a membrane holding apparatus (22) which holds the first membrane covering the organic material during the turning over. The turning-over device (2) has a membrane laying apparatus (23), which lays a moisture- and/or air-permeable, but at least odor emission-reducing, second membrane on the turned-over organic material.

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Fig. 1