a 2020 0014

The invention relates to processes for treating municipal wastewaters and can be used for treating organic waste resulted from anaerobic fermentation of wastewaters, as well as for deodorizing foul-smelling agricultural, livestock and other waste.

The process for deodorization of fermented organic waste comprises treating fermented organic waste with a humidity of at least 35% with 50-100 g/m^3 of 2,4-dinitrophenol, 70-150 g/m^3 of iron sulfate $FeSO_4 \cdot 7H_2O$ and 580-1200 mL/m^3 of 35% hydrogen peroxide, stirring, exposing the resulting mixture for 5-10 hours, adding 100-120 mL/m^3 of a decoction containing natural phytoinhibitors of fermentation, obtained from powder of tobacco leaves and/or onion skin, and/or walnut peel and leaves, and dehydrating the deodorized waste to a humidity of 15-20%.

Claims: 3