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The invention relates to processes for anaerobic fermentation of liquid organic waste to produce biogas.

The process, according to the invention, comprises mixing of liquid organic waste with oil from plant material containing squalene, as well as with betulinol and/or its derivatives, and anaerobic fermentation in meso-philic conditions at the temperature of  $32\pm 2^{\circ}\text{C}$  for 1...2 days to produce biogas, at the same time the components are taken based on the following calculation, in % by weight of the waste:

squalene 0.0001...0.0010,

betulinol and/or its derivatives 0.0005...0.0015.

The result consists in the intensification of the anaerobic fermentation of waste and improvement of methanogenesis process efficiency.

Claims: 3