

The invention relates to an anaerobic bioreactor and may be used in different branches of agriculture and in the processing industry for sewage treatment and biogas obtaining.

The anaerobic bioreactor includes a body (1), branches for sewage water inlet (2) and for treated water discharge (3), a biogas discharge valve (5) and a charge. As charge it is used a polypropylene knitted fabric, stretched onto two vertically oriented strips (9) with the formation of hollow blocks in the form of parallelepiped with open bases. The blocks are placed with spaces between them and are rigidly fixed with horizontal battens (10) forming sections, which are tiered up. The blocks of each tier are oriented in the same direction or the blocks of the adjacent tiers are oriented mutually perpendicular about the longitudinal axis of the block. The width of the open bases of the blocks constitutes 5...20 mm, their height constitutes 0,5...1,0 m, and each section includes 5...15 blocks. As polypropylene knitted fabric is used packing sackcloth of waste polypropylene.

Claims: 3

Fig.: 1

