

A plant for the anaerobic reprocessing the biomass contains heat-insulated body with charging and emptying fittings, elastic membrane with rigid centre, a mechanism for mixing substrate in the form of a set of chains connected with the rigid centre and fixed on the body, liquid lubricant system for the substrate heating, which contains collecting heat exchanger disposed on the body, in which lower part resistive electric heater is mounted. In the upper part of the body the hydraulic gate is formed. The elastic membrane is made with a possibility of connecting the edges thereof with the lower part of the gate, and from the inner part of the rigid centre thereof holders of end sections of the set of chains are disposed. The set of chains is composed of at least three stages along the height, every of them is encompassed with capron net. The collecting heat exchanger is composed of the lower straight-tube register in the central tube of which the resistive electric heater is disposed, and upper straight-tube register being connected along the perimeter thereof by straight tubes.