

The invention relates to non-traditional energy sources, in particular to biogas plants with renewable energy source systems, and can be used in various fields of agriculture and processing industry for the production of biogas.

The biogas plant with renewable energy source systems comprises a heat-insulated reservoir-reactor (1) with biomass supply (6) and processed biomass discharge (23) nozzles and a gas-outlet pipe (17), connected to a gasholder (21). On the body of the reservoir-reactor (1) is fixed a solar collector (4) with a pipe system (3), connected to tubular heaters (2). On the outside of the body of the reservoir-reactor (1) is secured a wind turbine (13) with blades (14), fixed on the central shaft (8) of the wind turbine (13), the lower part of which is placed in the reservoir-reactor (1). At the same time, on the lower part of the shaft (8) are fixed spiral (9) and rod (10) mixers.

Claims: 4

Fig.: 2

