

The invention relates to a biogas gathering and cleaning plant.

The plant, according to the invention, includes a hermetic biogas gathering and cleaning capacity (1) with conic bottom, equipped with biogas intake (2) and discharge (4) pipelines with electromagnetic valves (3, 5), inside the capacity (1), in the lower part, it is placed a bubbler (6) joined with the intake pipeline (2), the conic bottom is equipped with a sediment removal branch (9) with an electromagnetic gate (10), the capacity (1) is also equipped with a manometer (7) and a level meter (8). Under the capacity (1) it is placed a settler (11) with conic bottom, communicating with the capacity (1) by means of the sediment removal branch (9). The settler (11) is equipped with a submersible electric contact transducer (14) of the low level of the liquid for cleaning, a floater (15) connected by means of a flexible hose (16) to a pump (17), the outlet of which is connected to the capacity (1) by means of a pipeline (18) for delivery of the liquid for cleaning, into the conic bottom of the settler (11) it is mounted a bunker (12) with sediment gathering and discharge shutters (13). At the same time, the manometer (7), the valves (3, 5), the transducer (14), the pump (17) and the electromagnetic gate (10) are connected to an automatic control panel (19).

Claims: 1

Fig.: 1

