

The invention relates to water purification installations, in particular to an installation for neutralization under the action of solar radiation of organic toxins and bacteria in the aqueous medium.

The installation, according to the invention, comprises a conical recirculation storage tank (1), equipped with a dosing equipment for the liquid under treatment and photocatalytic active reagent, a stirrer (2), an electromagnetic dosing device (3) and a supply branch pipe (7), which is connected to a photocatalytic reactor (10), placed in an inclined support frame (8), connected to a movable reverberation unit, consisting of a mirror concentrator, controlled by a sealed bellows device (13), connected to a cylindrical thermal chamber (15), built into a treated water drainage branch pipe (16), to which is connected the photocatalytic reactor (10).

Claims: 6

Fig.: 2

