The invention relates to installations for neutralization under the influence of solar radiation of wastewaters containing persistent organic pollutants and dangerous microorganisms.

The installation, according to the invention, comprises a conical circulation storage tank (1) equipped with an inlet fitting (7) and a dosing mechanism for supplying the liquid under treatment and the photocatalytic active reagent, an inclined support frame (8), containing flowing quartz tubes with a branch pipe for draining the purified water (16), a reflector, as well as a branch pipe (21) with a valve (22) for recirculation of the purified liquid. The installation additionally comprises an electromagnetic dispenser (3) for the flow rate of the liquid under treatment, connected to a quartz tubular photocatalytic reactor (10), which is placed on an inclined support frame (8), covered with an absorbing black layer (9).

Claims: 6 Fig.: 2

