

The invention relates to the decontamination of liquids from pathogenic agents, present in polluted fluids (for example, water, blood, blood plasma) under the action of ultraviolet radiation, and can be used in medicine, food industry, agriculture.

The device for decontamination of liquids comprises a housing, containing a decontamination compartment (11) and an electrical compartment (10), in the decontamination compartment (11), on a support (2), is fixed a tube, consisting of two quartz cylinders of different diameters (16) and (17), connected at the ends by welding, the inner cylinder is wound with a quartz spiral (15) and contains an ultraviolet radiation source (12) with a connector (4), the tube has an outer shell of reflective material (18) and inlet (3) and outlet (13) holes for liquid, the electrical compartment (10) contains a switch (6), an electrical ballast (8), an electrical wire (5), connected to the connector (4), and a control device (7).

Claims: 1

Fig.: 1

