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The invention relates to apparatuses for treatment of water by ultraviolet light and electromagnetic field and may be used for potable water treatment as well as for purification of sewage from the organic impurities.

The apparatus contains a body in the form of truncated cone in the middle of which it is installed a ultraviolet lamp into the quartz housing. On the internal side body surface there are situated light reflecting elements. In the lower part of the body it is situated cylindrical magnetohydrodynamic chamber with tangential located coupling for feeding the sewage, and the coupling is connected to the ejector, and the magnetohydrodynamic chamber is filled with spheric ferromagnetic elements. On the external part of the mentioned chamber around it there is installed a solenoid with a rheostat for regulation of the magnetic fluidization of the spherical elements.

The purified water passes through the tangential situated coupling in the upper body part and the gasforming material-through the outlet cone-shaped collector.