

Invention relates to the field of circulating water supply of the turbine units of thermal power stations and, activities of which is connected with the pumping over of large quantities of water with its mechanical cleaning. It can be used in the water management. Filter contains housing in the form of pipe divided by radial partitions into the sectors, filtering elements located in the sectors at sharp angle with longitudinal axis of housing, active purifier, cavity of which communicates with the discharge pipe, collecting chamber, into which the edges of filtering elements located nearer to the longitudinal axis of housing are introduced, and auxiliary discharge pipe, brought out from the collecting chamber. The addition to the design of the filter of collecting chamber and auxiliary discharge pipe brought out from it, ensures the reliability of filter due to increase of the intensity of return flow of water through the filtering elements into the drain branch pipe.