

Wave power for water flows that converts the energy of water flows and waves containing energy absorbing element is designed as a flexible longitudinal body, consisting of separate flat, connected vnahlost, units located in several guides, each of which has the ability to rotate working around a common shaft, transmitting axial torque on the shaft in one direction, and allowing flexible longitudinal body take the form of a spiral rotor. To improve the efficiency of energy conversion of water flows, reducing stress in the elements of design wave stations and reduction of material consumption energy absorbing element has paired structure in which two flexible longitudinal body mounted on each directing diametrically opposite about the axis of the working shaft.