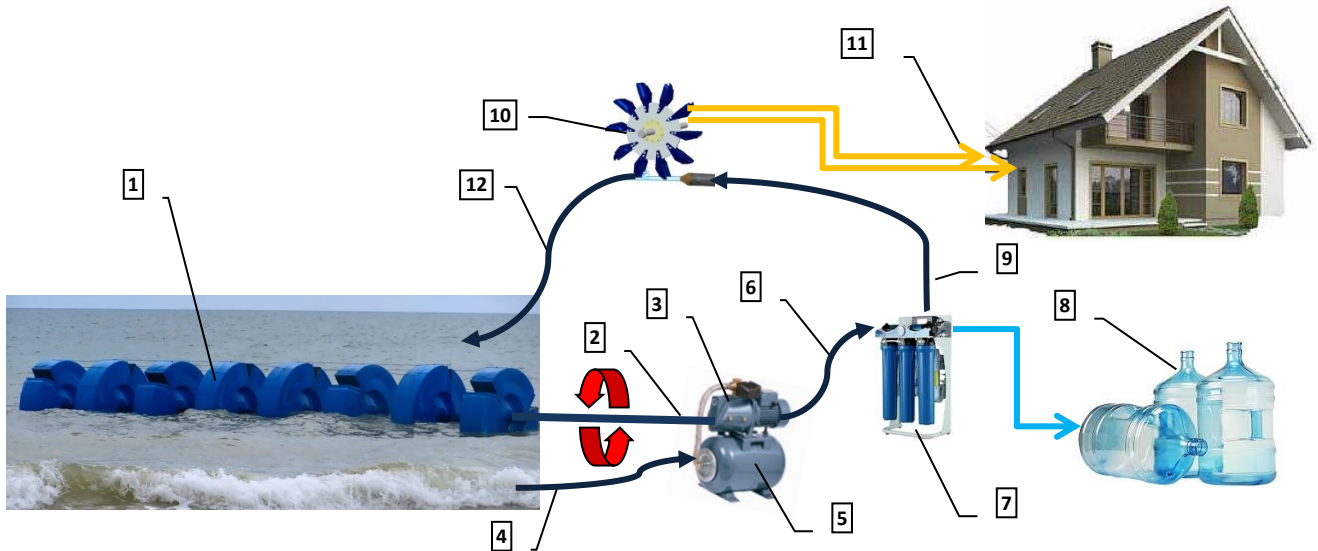


Schematic diagram of the installation and description of operation.



The energy-absorbing breakwater works as follows:

Located under the pontoon, two modular devices for converting wave energy 1 transmit torque through the drive shaft 2 to the pump unit 3.

The pump unit 3 provides the supply of sea water 4 through the pre-filter 5 and the subsequent supply of sea water under high pressure 6 through the membrane of RO-filter 7.

The fresh water obtained in the RO-filter 7 is stored in the storage tank 8.

It is advisable to use the need to create high pressure of sea water to generate electricity.

To do this, it is necessary to direct sea water under high pressure 9 into a hydraulic turbine 10 to generate electricity 11.

After the turbine 10, seawater 12, already under normal pressure, returns to the sea.