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The invention relates to the hydraulic power engineering, namely to the sea wave power conversion to electric power.

The installation, according to the first variant, contains a tangent structure 10, a floating body 1, joined with it by fixation elements 4 and 5, which are joined by means of a gearing 9 with a step-up gear 11 and an electric generator. The floating body 1 is made of toroidal form and is coaxially placed about the tangent structure 10, about which, on both sides thereof, diametrically opposite, there are placed two elements for fixation thereof 4 and 5 in the form of girders, having some ends articulately fixed to the floating body 1. The gearing 9 includes two conic gear-wheels, each of which is rigidly joined with the other ends of the fixation elements 4 and 5. The conic gear-wheels have an equal number of teeth, are placed onto the same shaft and mesh with the conic gear-wheel, joined with the input shaft of the step-up gear 11.

The installation, according to the second variant, is characterized in that the gearing contains two toothed quadrants, each being rigidly joined with the other end of each of the two fixation elements, correspondingly, is mounted onto one of the two shafts placed in parallel and is joined with one of the two input shafts of the step-up gear.

Claims: 2
Fig.: 10