

The invention relates to the field of renewable energy sources, namely to wave energy conversion plants.

The wave energy conversion plant comprises a frame (17), inside which are vertically placed at least two shafts (11, 12), one end of which is placed, with the possibility of rotation, in the center of lower discs (9, 10), fixed on the lower part of the frame (17), and the other end thereof is kinematically connected by means of a gear transmission (16) to a multiplier (18) and an electric generator (19), fixed on the upper part of the frame (17). At the same time, on the upper part of the shafts (11, 12), by means of overrunning clutches (13, 14) and balls (15) are connected upper discs (3, 4), on which are fixed floating bodies (1, 2), and which communicate with the lower discs (9, 10) by means of bars (5, 6) pivotally connected through connections (7, 8), uniformly placed on the outside of the lower (9, 10) and upper discs (3, 4), at the same time the bars (5) are placed obliquely to the right at an angle  $\alpha$ , and the bars (6) are placed obliquely to the left at the same angle  $\alpha$ .

Claims: 1

Fig.: 2

