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The invention relates to the field of renewable energy, namely to wave energy conversion plants.
The wave energy conversion plant comprises a frame (13), inside which is vertically placed a rod (2), on the upper end of which is fixed a floating body (1), at the same time on the upper part (3) of the rod (2) is made a helical groove (5) with right direction, and on the lower part (3) of the rod (2) is made a helical groove (6) with left direction for moving at least one ball (8) placed in the sockets made in the body of bushes (9 and 10), connected by means of overrunning clutches (11 and 12) with the possibility of rotation in the opposite direction with the frame (13), which by means of a gear transmission (14) is connected to a precession multiplier (15) and an electric generator (16).
A wave energy conversion plant, in which on the upper (3) and lower (4) parts of the rod (2) is made a socket (17 and 18), in which is placed a ball (8). At the same time on the in-ner cylindrical surface of the bush (9) is made a helical groove with right direction, and on the inner cylindrical surface of the bush (10) is made a helical groove with left direction.

Claims: 2
Fig.: 5