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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 mount (1), the upper end which is pivotally connected by means of lever arms (2 and 3) to the floating bodies (4 and 5), which by means of rods (6 and 7) communicate with the pistons (8 and 9) of the cylinders (10 and 11), an axial hydraulic motor (13), which comprises at least three cylinders (12), the pistons of which by means of rods (14) kinematically communicate with the first inclined flange (15) of a faceplate (16) and the second inclined flange (17) of the faceplate (16) is kinematically connected to the inclined flange of a driven shaft (18), connected to the rotor of an electric generator (19), at the same time the pressure chambers of the cylinders (10 and 11) communicate with the intake chambers of the cylinders (12) of the axial hydraulic motor (13).
A wave energy conversion plant, wherein the upper end of the mount (1) by means of a rotary motion summation device (20) is connected to one end of the lever arms (2 and 3) and the other end of the lever arms (2 and 3) is connected to the floating bodies (4 and 5), at the same time the second end of the rotor of the electric generator (19) is connected to the output shaft of the rotary motion summation device (20).

Claims: 2
Fig.: 2