

The invention relates to the power engineering, in particular to plants for wave power conversion.

The plant for wave power conversion includes at least a floating body (1), placed onto a fixed shaft (2), anchored by an anchor cable (3). The floating body (1) includes a carcass (4) of oval shape, made of plastic material, which is installed with the possibility of restricted rotation about the shaft (2). Into the floating body (1) there is placed a mechanical transmission, including a double-reduction conic gear that, by means of overrunning clutches, transforms the non-uniform variable rotary motion into relatively uniform rotary motion of the shaft. The obtained rotary motion is transmitted to the rotor of the electric generator by means of a flywheel and an overrunning clutch or by means of a toroidal variator.

Claims: 2

Fig.: 7

