

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 nonuniform rotary motion into continuous uniform rotary motion. 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

