

The invention relates to the power engineering, in particular to the hydraulic stations using the water flow kinetic energy.

The hydraulic station includes a platform 1 fixed onto an abutment by means of a frame metalwork 7 with the possibility of regulating its position about the water flow level, placed thereon, kinematically joined with each other, a generator, a step-up gear and a vertically placed turbine, including a bearing vertical axis joined with the step-up gear, onto which there are radially fixed horizontal bars with blades. Each blade is freely mounted onto the axis, vertically fixed onto the free end of each of the horizontal bars. The platform 1 is mounted onto four floating bodies 2. The device for platform fixation to the abutment, the frame metalwork 7 of which is articulately mounted with two degrees of freedom to two tangent structures 8, placed on both sides thereof, additionally contains two lateral tangent structures 15, which are symmetrically placed in the same line with them, at the same time each lateral tangent structure 15 is fixed to the platform 1 by means of guys 12 and 13, one of which is provided with a tension regulator 14.

Claims: 1

Fig.: 3

