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

The hydraulic station contains a platform (1), placed on two floats (7), (8), a hydraulic rotor (9) with blades with hydrodynamic profile (13), mounted vertically on semiaxes (12) with the possibility of rotating around them through a guide, located in the periphery of the rotor (9). The hydraulic station also contains kinematically interconnected a speed-increasing gear (19), a generator (24) and a hydraulic pump (23). The guide consists of a guide with circular profile with the radius R_1 (17), a guide with circular profile with the radius R_2 (16) and a guide with rectilinear profile (18), placed individually with the possibility of location of each blade (13) at an angle of attack α, dependent on the blade-liquid interaction zone and liquid flow rate. On the end of the semiaxis (12) of each blade (13) is mounted a rod (14), provided at the ends with two bodies of revolution (15).

Claims: 5
Fig.: 9