

The invention relates to the power engineering, in particular to the hydraulic stations.

The hydraulic station contains a platform 1 fixed onto a coast support 2 with the possibility of regulating the station position about the water flow level, onto which there are placed, joined between them, a generator 3, a multiplier 4 and a vertical shaft 5, onto the free end of which there is mounted a turbine 6, including a cylindrical bush 9, into the wall of which there are radially placed, mounted in the same plane, axles 8, the ends of which are tied together, at the same time onto the axles 8 there are fixed with the possibility of angular displacement, limited by keepers, blades 7, provided with flaps 15, fixed onto their free ends. Inside the cylindrical bush 9 there is coaxially mounted an additional bush rigidly joined with the first one, wherein there are rigidly fixed the ends of the axles 8. The number of blades 7 is at least six, uniformly disposed round the circumference. Each blade 7 is made arched to the length of the axle 8, and each flap 15 is curvilinear bent and fixed about the surface of the blade 7 at an angle of 10...15°.

Claims: 1

Fig.: 5

