

The invention relates to mechanical engineering, namely to the design of fans with adjustable blades, meant for cooling the internal combustion engines.

The fan with adjustable air flow contains a shaft (10) mounted on bearings (13), blades (3) with the possibility of changing the angle of direction and a mechanism of changing the angle of direction, which includes a glass (6), a thermoelement (8) and a rod (7). In the glass (6) are made grooves, in which are placed bolts (4) fixed on the blades (3). The shaft (10) is made hollow and therein is placed the rod (7), one end of which comes in contact with the thermoelement (8) submerged into the coolant, and the other end with one side of the glass (6), the other side of which comes in contact with a return spring (9).

Claims: 1

Fig.: 5

