

Abstract

The float valve is used to fill a cistern and has a float (19) which is connected to an axially movable valve body (16). The valve body (16) interacts with a valve seat (9) of an inlet nozzle of a nozzle body (7) which is to be connected to a supply line. Means (8, 15, 17) for varying the nozzle cross section (A) which is to be sealed are provided. As a result, the force acting on the valve body (16) when the valve (1) is in the closed position can be adapted to the closure force. The nozzle cross section (A) is formed, for example, by a hose-like and deformable diaphragm (8), a rotatable nozzle disc (17), or exchangeable nozzle bodies (7).

(Figure 1)