

"FLOAT VALVE APPARATUS AND ITS CLEANING METHOD"

Abstract

A foreign object in a discharge path defined and formed in a valve case is effectively removed. In a float valve apparatus T including a valve chamber 2 for receiving gas A and liquid W through an inlet pipe 1, a discharge path 4 communicating with a discharge pipe 3, a valve case 5 defining and forming therein the valve chamber 2 and the discharge path 4, a valve opening 6a for opening the discharge path 4 to the valve chamber 2, opening/closing means for opening/closing the valve opening 6a in association with a movement of a float member 7 floating in an amount of liquid W received in the valve chamber 2 and a foreign object removing member 8 for removing a foreign object in the discharge path 4 in association with an advancing movement of the foreign object removing member toward the valve opening 6a in the discharge path 4, the foreign object removing member 8 being movable to advance/retract in the discharge path 4 in response to an operation from outside the valve case 5, the foreign object removing member 8 is caused to advance in the discharge path 4 to penetrate the valve opening 6a, in response to a threading-in operation of the foreign object removing member 8 to a threaded portion 10a formed in the valve case 5.

Figure 1