

A Water Diverting Device

Abstract

A diversion device includes an inlet (101), two outlets (103, 104), an upper sealing seat (102) and a lower sealing seat (105) respectively corresponding to the two outlets (103, 104), and a diversion switch that is cooperating with the sealing seats (102, 105) to switch the two outlets (103, 104). The diversion switch comprises a slide shaft (2), a fixing seat (3), a limit Hook (6), a valve core (20) and a spring (4). The fixing seat (3) has a slide through-hole (31), and the slide shaft (2) can slide in the slide through-hole (31). There are a first limit position (71), a second limit position (72), a first one-way slide groove and a second one-way slide groove in the surface of the slide shaft (2), and the first limit position (71) and the second limit position (72) cooperate with a claw (60) of the limit hook (6). The first one-way slide groove, from the first limit position (71) to the second limit position (72), includes a first slide section (81) and a second slide section (82); and the second one-way slide groove, from the second limit position (72) to the first limit position (71), includes a third slide section (83) and a forth slide section (84).

Figure 1.