

ABSTRACT

SHUTOFF-OPENING DEVICE

A first on-off valve 2 and a second on-off valve 3 each are a two-port valve. A first passage block 5 is provided with a first on-off valve-corresponding inflow passage 11 and a first on-off valve-corresponding outflow passage 12. A second passage block 6 is provided with a second on-off valve-corresponding inflow passage 14 and a second on-off valve-corresponding outflow passage 15. The second on-off valve-corresponding outflow passage 15 is in communication with an upstream side portion of the first on-off valve-corresponding outflow passage 12 via a communicating passage 13 formed in the first passage block 5. An orifice 20 is provided between the second on-off valve-corresponding outflow passage 15 and the communicating passage 13.

FIG. 1