

ABSTRACT

A joint system (1S) includes flow paths (11A, 11B) coupled to a fluid device (2) which handles a fluid, first and second electrodes (141, 142) separately provided to the flow paths (11A, 11B) to electrically make contact with the fluid in the flow paths (11A, 11B), and a detection circuit (10) which detects whether the fluid passing through the fluid device (2) is present or absent. The detection circuit (10) measures a degree of electrical conductivity between the flow paths (11A, 11B) by using the first and second electrodes (141, 142) and detects whether the fluid passing through the fluid device (2) is present or absent in accordance with the degree of electrical conductivity between the flow paths (11A, 11B).

Fig. 1