

FILTER DEVICE AND GAS ANALYZING SYSTEM

Abstract

The filter device (1) comprises: a filter unit (2) provided with a gas introduction opening (3) into which dust-containing gas (EG) is introduced, a gas discharge opening (4) for directly discharging the dust-containing gas (EG), a first discharge opening (6) for discharging the dust-containing gas (EG) through a portion of a filter (5), and a second discharge opening (7) for discharging the dust-containing gas (EG) through another portion of the filter (5); and a control device (12) which controls opening and closing of a first valve (9) for opening and closing the first discharge opening (6), and a second valve (10) for opening and closing the second discharge opening (7). The control device (12) closes the first valve (9) and opens the second valve (10) in a predetermined case.

(FIG. 1)