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(54) **Title:** PREACTION SPRINKLER SYSTEM OPERATION BOOSTER

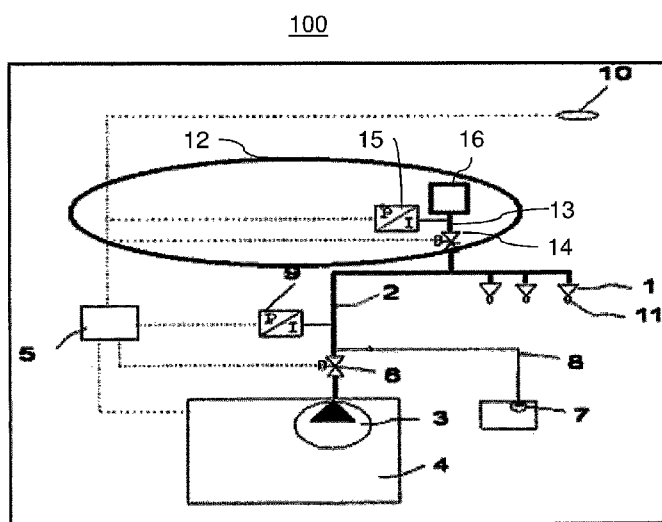


FIG. 1

(57) **Abstract:** A system includes a gas exhaust line, a valve coupling the gas exhaust line and a pipe, and a control unit generating a command to open and close the valve, the control unit opening the valve to vent gas from the pipe and closing the valve within a period of time. A method includes receiving a command at a valve to open in order to exhaust gas from a pipe of a sprinkler system through a line coupled to the valve, the command corresponding to a command to turn on a pump unit of the sprinkler system, determining that liquid provided at an output of the pump unit is present in the pipe, and receiving a command at the valve to close in order to prohibit a flow of the liquid through the line.