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(54) Title: A DEVICE FOR DIRECTING THE FLOW A FLUID USING A PRESSURE SWITCH

(57) Abstract: A device for directing the flow of a fluid comprises: a pressure pocket; a first fluid passageway; a pressure source; and a pressure switch, wherein the first fluid passageway operationally connects at least the pressure pocket and the pressure source, and wherein the pressure switch is positioned adjacent to the pressure source. According to an embodiment, depending on at least one of the properties of the fluid, the fluid that flows into the pressure pocket changes. In one embodiment, the change is the fluid increasingly flows into the pressure pocket. In another embodiment, the change is the fluid decreasingly flows into the pressure pocket. According to another embodiment, a flow rate regulator comprises: the device for directing the flow of a fluid; a second fluid passageway; a third fluid passageway; and a fourth fluid passageway.



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