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(54) **Title:** A DEVICE FOR DIRECTING THE FLOW OF A FLUID USING A CENTRIFUGAL SWITCH

(57) **Abstract:** According to an embodiment, a device for directing the flow of a fluid comprises: a fluid chamber; a first outlet; a second outlet; a first outlet fluid passageway, wherein the first outlet fluid passageway is operatively connected to the first outlet; and a second outlet fluid passageway, wherein the second outlet fluid passageway is operatively connected to the second outlet; wherein the fluid rotationally flows about the inside of the chamber, and wherein the fluid flowing through the first outlet fluid passageway conjoins with the fluid flowing through the second outlet fluid passageway at a point downstream of the first and second outlet. According to another embodiment, a device for directing the flow of a fluid comprises: a sensor; a first outlet connected to the sensor; a second outlet connected to the sensor; a first outlet fluid passageway; and a second outlet fluid passageway; wherein as the total number of phases of the fluid increases, the sensor directs at least a first phase of the fluid into the first outlet fluid passageway and directs at least a second phase of the fluid into the second outlet fluid passageway, and wherein the fluid flowing through the first outlet fluid passageway conjoins with the fluid flowing through the second outlet fluid passageway at a point downstream of the first and second outlet.

