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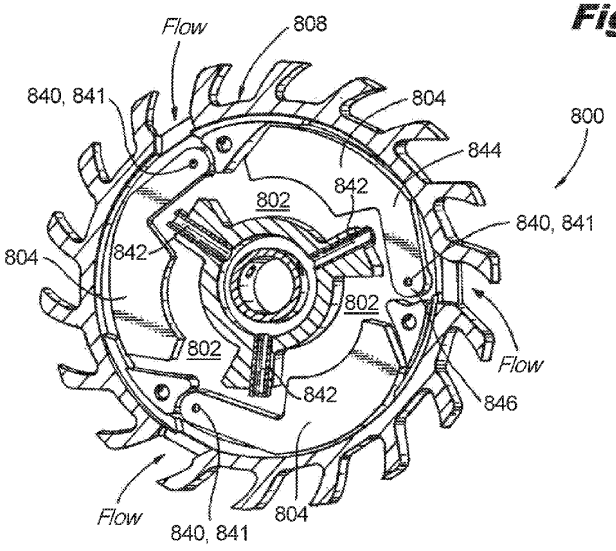
(54) Title: DENSITY-BASED FLUID FLOW CONTROL DEVICES

Fig. 8



(57) Abstract: A fluid flow control device includes a rotatable component for rotating about an axis in response to fluid flow from an inlet port of the fluid flow control device. A float component is positioned within the rotatable component and connected to the rotatable component by a hinge. The hinge provides for movement of the float component relative to the rotatable component between (i) an open position that enables fluid flow from the inlet port to an outlet port of the rotatable component, and (ii) a closed position that restricts fluid flow through a flow passage from the inlet port to the outlet port.

[Continued on next page]

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