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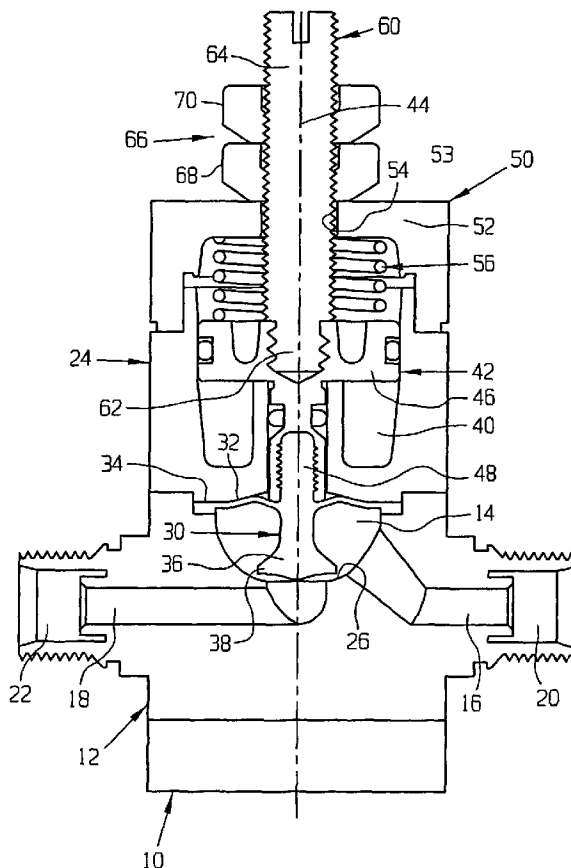
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(54) Title: VALVE WITH ADJUSTABLE STOP



(57) Abstract: An adjustable mechanism (60) for a valve or actuator is provided. The adjustable mechanism cooperates with one or more pistons (42), which in turn cooperates with a valve element (30) to limit the axial displacement of the valve element relative to the valve seat (26). The adjustable mechanism can be adjusted axially, thereby providing a greater or lesser distance for the piston and diaphragm (32) to travel. Embodiments incorporating the adjustable mechanism include a trickle valve, an on/off valve and a mixing valve. The adjustable mechanism also provides to the adjustment of the piston stroke to match or closely mirror the stroke of the valve element.

WO 2004/081428 A3



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