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(54) Title: SPRING RETURN VALVE HANDLE ARRANGEMENTS

(57) Abstract: A spring return cartridge for a rotary actuated valve includes a torsion spring having a spring-loaded intermediate portion extending between first and second end portions and a spring carrier sleeved with the torsion spring. The spring carrier includes a first portion rotationally fixed with the first end portion of the torsion spring, and a second portion rotatably coupled with the second end portion of the torsion spring, such that the second end portion of the torsion spring is rotatable with respect to the spring carrier, and with respect to the first end portion of the torsion spring, between first and second rotational limit positions, with the intermediate portion of the torsion spring biasing the torsion spring second end portion to the first rotational limit position and maintaining a spring-loaded condition in the first rotational limit position.

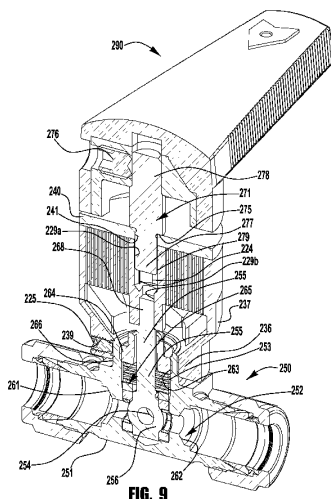


FIG. 9

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