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(54) Title: SPRINKLER ASSEMBLY

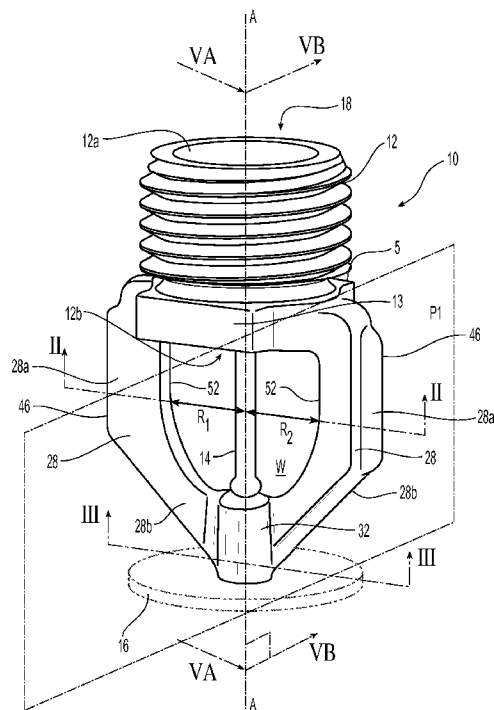


Fig. 1

(57) Abstract: A sprinkler assembly that includes a frame having a body including an inlet, an outlet and an internal passageway extending between the inlet and the outlet to define a longitudinal sprinkler axis. Two frame arms extend distally from the body, and each arm has a portion defining a cross-sectional area with a lateral surface and a medial surface spaced about a first plane bisecting the body with the sprinkler axis disposed in the first plane. An axially aligned thermally responsive glass-bulb type trigger is disposed along the sprinkler axis. The cross-sectional areas of the frame arms are asymmetrical with respect to one another about the first plane and each cross-sectional area is asymmetric about a second plane perpendicular to the first plane. The lateral surface of each arm includes an undulation to provide the sprinkler assembly with substantially consistent thermal sensitivity about the sprinkler axis.



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