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(54) Title: DIRECTIONAL DIFFERENTIAL PRESSURE DETECTOR

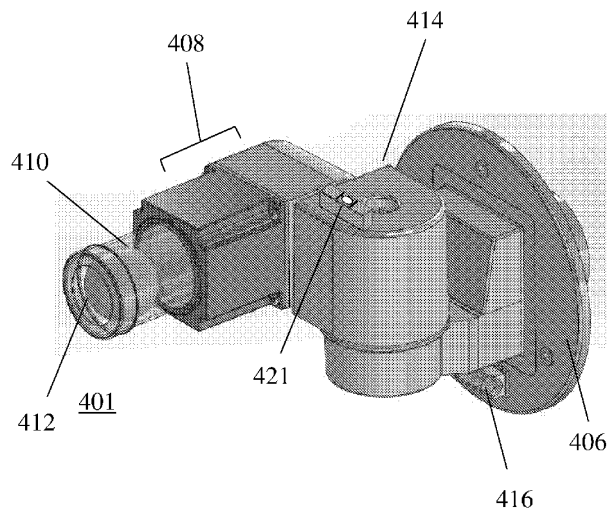


Fig. 13

(57) **Abstract:** Methods and apparatuses for indicating the presence of a threshold directional differential pressure between separated adjacent spaces. A conduit contains a movable element that indicates whether the pressure difference between the two spaces is at least as high as a threshold pressure difference. The apparatus is adjustable to have different threshold set points by adjusting the pivot arm inclination. The device may include at least two pivot axes. A rotating base may rotate relative to the barrier or wall, and a pivot arm may be attached and rotate relative to the rotating base. With the rotating base set at a first rotation angle, the pivot arm may be adjustable within a single plane. When the rotating base is set at a second rotation angle, the pivot arm may be adjustable within a different single plane. The device may include a single pivot axis where a pivot arm is parallel to the wall and rotates about a horizontal axis perpendicular to the wall.

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