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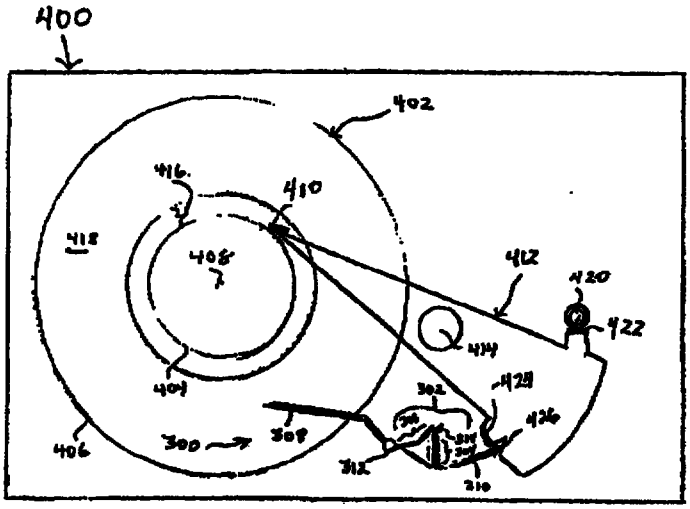
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(54) Title: CRASH STOP AIRLOCK MECHANISM



(57) Abstract

A combinational actuator latch and crash stop apparatus (300) is disclosed. An air lock apparatus includes a wind vane portion (308) and an airlock latch portion (310) coupled to the wind vane portion (308). The airlock latch portion (310) is adapted to lock the actuator arm (412) into a selected position. Specifically, the airlock latch portion (310) is adapted to lock an actuator arm (412) into a position such that the distal end of the actuator arm (412) and a head (410) attached to the distal end of the actuator arm (412) will be locked at or near the inner diameter of the disk (402). The combinational airlock and crash stop apparatus (300) further includes a crash stop (302), coupled to the airlock latch portion (310), to restrict the rotation of the actuator arm (412) such that the distal end of the actuator arm (412) and the head (410) are prevented from being moved outwardly beyond the outer diameter of the disk (402).