

BI-STABLE INERTIAL AIR LATCH



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Abstract of the Disclosure

Disclosed is an actuator latch for keeping an actuator in a park position when
5 the drive is subject to non-operating shock. Magnetic forces hold the latch in both its
latched and unlatched positions. VCM-controlled actuator movement causes the
latch to move both into and out of these positions. Airflow generated by spinning
discs effect movement of the latch out of the latching position when the drive is
powered up.

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FIG. 2