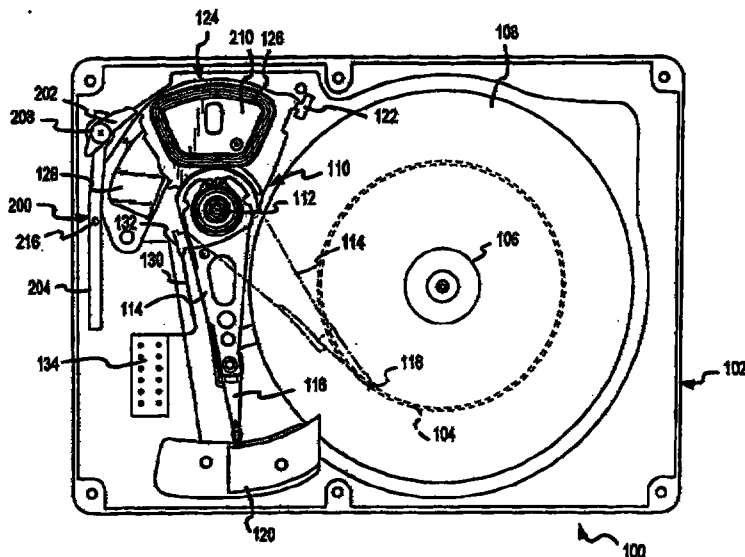




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(54) Title: **INERTIAL LATCH FOR MOBILE DISC DRIVE**



(57) Abstract

An inertial latch apparatus for maintaining an actuator arm in a disc drive in a predetermined position has an elongated inertial beam member pivotally mounted in the disc drive for rotation in a plane parallel to the plane of rotation of the actuator arm and a latch member pivotally mounted in the disc drive for rotation between a disengaged position permitting movement of the actuator arm when the latch member is in the disengaged position and an engaged position in interference relation to a portion of the actuator arm to prevent movement of the actuator arm when the drive is subjected to an external shock load. The latch member rotates in only one direction in response to rotation of the beam member in either a clockwise or counterclockwise direction from a neutral position.