

TOOL TRAP SYSTEM

ABSTRACT

A tool trap system that includes a housing. The housing defines a bore. A shaft couples to the housing. A flapper couples to the shaft. The flapper rotates with the shaft between an open position and a closed position to control movement of a wireline tool through the bore. An actuation system couples to the shaft. The actuation system rotates the shaft. The actuation system includes a lever that couples to and rotates the shaft. A cylinder contacts the lever. The cylinder moves axially along a longitudinal axis of the cylinder to rotate the lever.

FIG. 2