

ABSTRACT OF THE DISCLOSURE

A gate valve with secure sealing mechanism includes a main body having a valve opening, a driver disposed on the main body, a sliding seat slidably disposed in the main body, a swing arm, and a valve member. Therein, two ends of the swing
5 arm are connected to the driver and the sliding seat, respectively, whereby the driver drives the swing arm to move circularly between a first and second position, thereby triggering the sliding seat to slide. When the swing arm is at the first or second position, the swing arm is biased against the
10 route direction of the sliding seat. The valve member is disposed on the sliding seat for moving in parallel or vertical to the valve opening, thereby preventing the sliding seat from swaying when the swing arm is at the first or second locking position.

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Figure 2