

Gas Valve Timing Shut-off Device for Gas Stove

Abstract of Description

5 The present invention relates to a gas valve timing shut-off device for gas stove, which is characterized in that it comprises a DC stabilized power supply, a voltage feedback circuit, a central processing unit, an alarm, an encoder, a LED display, an ignition signal controller and an execution circuit; the DC voltage outputted by DC stabilized power supply provides DC working voltage to the
10 devices below; the encoder inputs the burning time signals required by the gas stove into the central processing unit, and the central processing unit, after having the received burning time signals processed, outputs them to LED display, ignition signal controller and execution circuit respectively; LED display displays the burning time signals inputted by central processing unit and feeds
15 back the displayed time signals to the central processing unit; the said ignition signal controller, after receiving the burning time signals inputted by the central processing unit, controls the igniter work of gas stove; the central processing unit, after having the received burning time signals processed, outputs them to the solenoid valve of gas stove to have the solenoid valve of gas stove opened; the
20 execution circuit, after having the signals inputted by the central processing unit processed, controls the solenoid valve work of gas stove. It has the advantages of: setting the required use time by itself, shutting off the breathable valve of gas stove at the set time, and working reliably and safely.

25 Figure 1 accompanies the abstract.