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(57) Abstract :

GAS STOVE MONITORING SYSTEM AND METHOD THEREOF ABSTRACT A gas stove monitoring system (100) is disclosed. The system (100) improves safety by detecting and alerting users when the temperature of the burners (112a-112d) exceeds a pre-set threshold value. The system (100) comprises a temperature sensor (106) placed on a cooktop (104) of a gas stove (102) and adapted for detecting a temperature of the burners (112a-112d). The temperature sensor (106) is connected to hooks (108a-108d), which are attached to each burner through a heat-resistant wire. A controller (114) is connected to the temperature sensor (106) and configured to receive the detected temperature, compare it with a pre-stored threshold value, and transmit a triggering signal to an alerting unit (116) to generate an alert when the received temperature exceeds the threshold value. The system (100) is easy to install, cost-effective, and can prevent accidents caused by gas stove (102) malfunctions. Claims: 10, Figures: 9 Figure 1A is selected.

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