

(54) Title of the invention : SYSTEM TO CONTROL LIQUID OVERFLOW AND OVERHEAT

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(57) Abstract :

The present invention relates to a system (100) to control overflowing and overheating of liquid such as milk and chemical while boiling. The system (100) includes sensors (102) to detect one or more parameters of the liquid boiling over a cooktop (110) in a cooking vessel (102), and a nanosensor (114) is used to detect type of the liquid. Upon detection of the type of liquid, and the one or more parameters of the liquid, a control unit (106) controls gas supply by turning off a supply valve 112 automatically without human intervention to prevent spillage of the liquid such as milk over the cooktop 110, and overheating of the chemicals.

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