

(54) Title of the invention : LID FOR A COOKING VESSEL TO PREVENT LIQUID BOIL OVER

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(57) Abstract :

A lid 100 for a cooking vessel 120 is disclosed. The lid 100 engaged over the cooking vessel 120 to prevent liquid boil over, the lid 100 comprising a strainer plate 102 having a perforated structure to allow passage of air from the cooking vessel 120, a sidewall 104 coupled to an outer circumferential edge of the strainer plate 102 and extended upwardly to form a cavity 106, and the sidewall 104 having an inclined surface adapted to be fixed with the cooking vessel to obstruct flowing of the liquid outside the cooking vessel 120. The lid 100 includes a handle 112 that facilitate in covering and uncovering the cooking vessel 120, a set of sensors 114 to detect the liquid in proximity of bottom surface of the handle 112, and an alert unit 116 to generate first set of warning signals to alert user to take necessary action.

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