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(57) Abstract :

A body 1 having plurality of sections 2 for storing various food items, a peltier unit installed on each of the sections 2 for regulating temperature of the food items in a user defined manner, at least two sensors 3,4 installed on the body 1, wherein the first sensor 3 detects bending of the body and the second sensor 4 detects impact of the collisions, a microcontroller connected to the sensors 3,4 which upon receiving and processing combined signals from the sensors 3,4 generates a command above a threshold level, a gyroscope 5 connected to the microcontroller for maintaining the tilt angle of the body 1 on receiving command from the microcontroller in case the tilt is beyond the threshold level, an inflating unit in communication with the microcontroller installed on the body 1, wherein the unit gets actuated to cover the body 1 in case the impact is above the threshold level. Ref Figure 1.

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