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(57) Abstract :

The present disclosure relates to system and method to maintain temperature in a garment worn by a user. The system includes one or more sensors. The system also includes one or more heating elements housed within the garment. The system further includes a processor configured to receive a first temperature value representative of a temperature of the garment worn by the user, from a control unit, sensed by the one or more sensors. The processor is also configured to set a second temperature value upon receiving an input from the user wearing the garment. The processor is further configured to transmit the second temperature value to the control unit via a communication medium. The processor is also configured to generate a temperature command representative of the second temperature value to enable the one or more heating elements to set the temperature of the garment, to maintain temperature in the garment.

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