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(57) Abstract :
The present disclosure relates to a thermal wristband (100) to reduce pain in strained muscles of the wrist and prevent development of chronic conditions. The thermal wristband (100) includes a body (102) adapted to be secured to wrist of a user, and the body (102) is filled with a fluid containing sodium acetate, a heating element (202) embedded in the body for heating the stored fluid, a thermal sensor (204) configured to detect the temperature of the body, and a control unit (206) operatively coupled to the heating element and thermal sensor. The control unit (206) activates the heating element (202) upon actuation of an actuator (110) to facilitate the therapeutic effect on the wrist.

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