

Title (en)
SUPPORT CUSHIONS INCLUDING THERMOELECTRIC ELEMENTS AND AIR CONDUITS

Title (de)
STÜTZKISSEN MIT THERMOELEKTRISCHEN ELEMENTEN UND LUFTLEITUNGEN

Title (fr)
COUSSINS DE SUPPORT COMPRENANT DES ÉLÉMENTS THERMOÉLECTRIQUES ET DES CONDUITS D'AIR

Publication
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Application
EP 14814468 A 20140617

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Abstract (en)
[origin: WO2014204934A1] A support cushion for providing individualized heating and cooling to a user resting on the support cushion is provided. The support cushion includes a body supporting layer, a plurality of thermoelectric elements positioned and configured to selectively provide heating or cooling of the body supporting layer, a heat transfer layer positioned adjacent to the body supporting portion and operably connected to the thermoelectric elements, a base layer positioned adjacent to the heat transfer layer opposite the body supporting layer and defining one or more inlet and outlet conduits, and one or more fans operably connected to each of the outlet conduits. Methods of controlling the surface temperature of a support cushion are also provided.

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