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(54) **PORTABLE ELECTRIC WARMING SYSTEMS AND METHODS**

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(57) **ABSTRACT**

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Portable multi-layer warmth delivery systems and methods may pertain to an electrically resistive first layer, a structural second layer, and an infrared-redirecting third layer. By passing an electrical current through the electrically resistive first layer, infrared energy is emitted, redirected, and efficiently concentrated in a vicinity.

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