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Ragan

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(54) **GLOVE THERMAL PROTECTION SYSTEM**

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(51) **Int. Cl.**
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(57) **ABSTRACT**

A construction for a glove or other article of clothing for use
in hazardous environments is disclosed, comprising a first
layer comprising a laminate that includes an inner layer
comprising a woven, nonwoven, or knit material, an inter-
mediate layer comprising a barrier to the passage there-
through of liquids that overlies the inner layer, and a thermal
layer affixed to and overlying the intermediate layer in at
least a portion of a bridge area. The thermal layer is
approximately 0.30 mm thick. The construction also
includes a second layer attached to and overlying the first
layer to form an outer portion for the glove or other article
of clothing. The first layer and the second layer combined
provides a thermal protection performance (TPP) of at least
approximately 75% greater than a reference combination of
the first and the second layer that does not include the
thermal layer.

(52) **U.S. Cl.**
CPC **A41D 19/0006** (2013.01); **A41D 19/01529**
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(58) **Field of Classification Search**
CPC A41D 19/01529; A41D 19/0006;
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See application file for complete search history.

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