

Title (en)
INSULATED HEAT SENSITIVE COMPONENT

Title (de)
ISOLIERTES, THERMISCH EMPFINDLICHES BAUTEIL

Title (fr)
COMPOSANT SENSIBLE A LA CHALEUR ISOLE

Publication
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Application
EP 98953427 A 19981013

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- US 8714798 P 19980529

Abstract (en)
[origin: WO9919169A1] An insulated heat sensitive component and an engine compartment comprising: A) a heat sensitive component; and B) a corestock of one or more porous or open-celled rigid material matrixes which has been evacuated to an absolute pressure of about 10 torr or less and sealed, and which covers about 20 percent or more of the surface area of the component; optionally, wherein the corestock is situated within an evacuated cavity of the component; or C) an evacuated panel comprising a deformable receptacle which has been evacuated to an absolute pressure of about 10 torr or less and sealed surrounding a corestock of one or more porous or open-celled rigid material matrixes, and which covers about 20 percent or more of the surface area of the component, where the corestock or the evacuated panel provides and R value of 10 per inch or greater.

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