

Title (en)

Thermally conductive element enabling an improvement in the manufacture of packaging for the transport and/or storage of radioactive material

Title (de)

Wärmeleitfähiges Element zur verbesserten Herstellung von Verpackungen zum Transport und/oder zur Lagerung von radioaktivem Material

Title (fr)

Élément de conduction thermique permettant d'améliorer la fabrication d'un emballage de transport et/ou d'entreposage de matières radioactives

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Application

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Abstract (en)

[origin: WO2012143224A1] The invention relates to a thermally conductive element (20) for packaging for the transport and/or storage of radioactive materials, including: an inner portion (30) which is to contact a lateral body (14) of the packaging; an outer portion (34) which is to constitute a portion of an outer casing (24) of the packaging and retain radiological protection means (22); an intermediate portion (32) arranged between the inner and outer portions, the inner, outer, and intermediate portions being made of copper or of one of the alloys thereof. According to the invention, the outer portion (34) is provided, at each of the two opposite ends thereof, with an area (36) for connecting to another thermally conductive element (20) by welding, each connection area (36) being made of steel.

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