

Title (en)
THERMAL INSULATION DEVICE

Title (de)
WÄRMEISOLIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ISOLATION THERMIQUE

Publication
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Application
EP 13727930 A 20130611

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Abstract (en)
[origin: WO2013186224A1] The invention relates to a thermal insulation device comprising at least one panel (100) defining a gas-tight chamber (104) containing at least two flexible films (150, 160) suitable for being selectively switched between two states: one of thermal conduction wherein said flexible films (150, 160) are at least partially in mutual contact, and the other of thermal insulation wherein the flexible films (150, 160) are separated, under the influence of pressure variations in said gas-tight chamber (104), applied by fluid control means (170), characterised in that, in the thermal insulation state, the distance separating the flexible films (150, 160) is shorter than the average free path of the gas molecules in the space (158) defined between said flexible films (150, 160). The invention also relates to a method.

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