

Title (en)
THERMAL INSULATION PANEL

Title (de)
WÄRMEDÄMMPLATTE

Title (fr)
PANNEAU ISOLANT THERMIQUE

Publication
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Application
EP 13728722 A 20130611

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Abstract (en)
[origin: WO2013186225A1] The invention relates to a thermal insulation device comprising at least one panel (100) provided with two walls (110, 120) separated by a peripheral main spacer (102) in order to define a gas-tight chamber (104) containing a partial vacuum, and at least two flexible films (150, 160) locally attached to secondary spacers (140) at intermediate points between the two walls (110, 120) and defining tight secondary compartments (158) between each other. As a result of applying successive potentials of selected polarity between the walls (110, 120) and the flexible films (150, 160), the flexible films (150, 160) are moved between a first thermal insulation position wherein the films (150, 160) are separated from each other and a second position wherein the films (150, 160) are in mutual contact at least on a substantial part of the surface thereof.

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Citation (search report)
See references of WO 2013186225A1

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