

DESCRIPTIVE ABSTRACT

PRODUCT TRANSPORT CONTAINER WITH A DESIRED TEMPERATURE RANGE

- 5 The present invention relates to the transport of products in a desired conservation temperature range, comprising:
- a box (2) made of insulating material delimiting a compartment opened upwards having a volume less than 150 liters and able to contain products, the box (2) having a determined heat dissipation value;
 - 10 - a cover (4) made of insulating material adaptable on the box (2) to seal the compartment;
 - a diffusing divider wall (5) interposed between the box (2) and the cover (4) to delimit with the cover (4), a chamber with a surface (7) for receiving at least one refrigerated load (6) emitting a heat value, the cover (4) and the divider wall (5) comprising
 - 15 complementary means for locking/unlocking (9) with one another;
- characterized*** in that the heat energy emitted by the refrigerated load (6) and the thermal diffusion coefficient of the divider wall (5) are adjusted such that, at determined transport and conservation temperatures and for a desired duration after receiving the refrigerated load (6) and exposure of the container (1) to the transport temperature, the heat value
- 20 diffused by the divider wall (5) to the compartment is equal to, or at most 20% greater than the heat value dissipated by the box (2).

Figure 1