

Title (en)

CONSTANT-TEMPERATURE STORAGE CONTAINER AND TRANSPORTATION METHOD

Title (de)

CONTAINER FÜR LAGERUNGEN MIT KONSTANTER TEMPERATUR UND TRANSPORTVERFAHREN DAFÜR

Title (fr)

RÉCIPIENT DE STOCKAGE À TEMPÉRATURE CONSTANTE ET PROCÉDÉ DE TRANSPORT

Publication

**EP 2474485 A1 20120711 (EN)**

Application

**EP 10813700 A 20100901**

Priority

- JP 2009203155 A 20090902
- JP 2010064861 W 20100901

Abstract (en)

Disclosed is a container that is capable of maintaining articles requiring thermal management at a prescribed temperature over long periods of time without being influenced by the outside air temperature, and that is capable of storing and transporting the articles. The constant-temperature storage container is characterized by being equipped with a heat-insulating box, and two or more types of cold-storing materials or heat-storing materials disposed therein; by having a latent-heat first cold-storing material or heat-storing material (a) disposed in a solid state adjacent to an article being kept cool or warm, and a latent-heat second cold-storing material or heat-storing material (b) disposed in a molten state on the exterior of the aforementioned first cold-storing material or heat-storing material (a); and in that the solidifying and melting temperature of the aforementioned first cold-storing material or heat-storing material (a) exceeds 0°C. The constant-temperature storage container is capable of maintaining the article being kept cool or warm in an arbitrary temperature range exceeding 0°C for long periods of time.

IPC 8 full level

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CPC (source: EP US)

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