

Title (en)

CONTAINER FOR STORING ARTICLES AT A PREDETERMINED TEMPERATURE

Title (de)

BEHÄLTER ZUM AUFBEWAHREN VON ARTIKELN AUF EINER VORBESTIMMTEN TEMPERATUR

Title (fr)

CONTENEUR DE STOCKAGE D'ARTICLES À UNE TEMPÉRATURE PRÉDÉTERMINÉE

Publication

**EP 2350543 A1 20110803 (EN)**

Application

**EP 09741039 A 20091020**

Priority

- NL 2009050635 W 20091020
- EP 08167022 A 20081020
- EP 09741039 A 20091020

Abstract (en)

[origin: EP2177849A1] Container for storing articles at a predetermined temperature, comprising heat insulated walls (9), as well as a Peltier element (1) which, under control of a control module (2), can be energized by a battery (3) in order to collect or emit heat from/to the inside of the container. The Peltier element is connected, via a heat spreader (4), to one or more heat pipes (5) extending through at least one of said insulating walls (9) which is connected to outside means for emitting or collecting heat to/from the outside environment of the container, as an outside container frame (6) or a part of such frame and/or a heat conducting foil or coating (7), applied on the outside of at least one of said insulating walls (9). The container, moreover, may comprise photovoltaic means (8) outside the container, arranged for converting light into electric energy which can be fed to said Peltier element.

IPC 8 full level

**F25B 27/00** (2006.01); **F25B 21/02** (2006.01); **F28D 15/02** (2006.01)

CPC (source: EP US)

**F25B 21/02** (2013.01 - EP US); **F25B 27/002** (2013.01 - EP US); **F28D 15/02** (2013.01 - EP US); **F25B 2321/0251** (2013.01 - EP US)

Citation (search report)

See references of WO 2010047590A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2177849 A1 20100421**; CN 102216706 A 20111012; EP 2350543 A1 20110803; EP 2350543 B1 20120905; US 2011247356 A1 20111013; WO 2010047590 A1 20100429

DOCDB simple family (application)

**EP 08167022 A 20081020**; CN 200980146834 A 20091020; EP 09741039 A 20091020; NL 2009050635 W 20091020; US 200913125297 A 20091020