

Title (en)

COOL-BOX COMPRISING A REFRIGERATOR ATTACHMENT, SAID COOL-BOX OPERATING WITHOUT POWER OR ICE

Title (de)

KÜHLBOX MIT KÜHLSCHRANKBEFESTIGUNG, BETRIEB DIESER KÜHLBOX OHNE STROM ODER EIS

Title (fr)

GLACIÈRE TRANSPORTABLE COMPRENANT UN DISPOSITIF DE RÉFRIGÉRATION AMOVIBLE SANS SOURCE D'ÉNERGIE NI GLACE

Publication

**EP 3351877 A1 20180725 (EN)**

Application

**EP 16792233 A 20160323**

Priority

- ES 201500342 A 20150511
- ES 2016000040 W 20160323

Abstract (en)

The invention relates to a cool-box comprising a refrigerator attachment, said cool-box operating without power or ice. The cool-box is formed by a preferably plastic casing to which a metal capsule is anchored that contains a cryogenic liquid, such as liquid nitrogen or liquid oxygen, acting as a liquid coolant. The capsule is removably attached to the casing of the cool-box using anchors, and the capsule is equipped with a valve for the injection-refilling of liquid coolant and an exhaust relief valve. The cool-box also comprises an insulating lid and connecting pipes made from thermally conductive sheet metal, which join the capsule to the interior of the casing, thereby transferring cold.

IPC 8 full level

**F25D 3/10** (2006.01); **F25D 5/02** (2006.01)

CPC (source: EP ES US)

**F25B 19/005** (2013.01 - US); **F25D 3/107** (2013.01 - EP ES US); **F25D 5/02** (2013.01 - ES); **F17C 5/02** (2013.01 - US); **F17C 6/00** (2013.01 - US); **F25D 3/14** (2013.01 - US); **F25D 19/02** (2013.01 - EP US); **F25D 29/001** (2013.01 - EP US); **F25D 2400/12** (2013.01 - EP US)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3351877 A1 20180725**; **EP 3351877 A4 20190710**; ES 2589512 A1 20161114; ES 2589512 B1 20171011; US 2018216854 A1 20180802; WO 2016180997 A1 20161117

DOCDB simple family (application)

**EP 16792233 A 20160323**; ES 201500342 A 20150511; ES 2016000040 W 20160323; US 201615752023 A 20160323