

Title (en)
ISOTHERMAL CONTAINER FOR TRANSPORTING PERISHABLE FOOD-STUFFS

Title (de)
ISOTHERMISCHER BEHÄLTER FÜR DEN TRANSPORT VON VERDERBLICHEN NAHRUNGSMITTELN

Title (fr)
CONTENEUR ISOTHERME POUR LE TRANSPORT DE DENRÉES ALIMENTAIRES PÉRISSABLES

Publication
EP 3244144 A1 20171115 (EN)

Application
EP 17170355 A 20170510

Priority
IT UA20163308 A 20160510

Abstract (en)
Isothermal container (1) for transporting perishable food-stuffs, comprising an inner compartment (4) for storing the food-stuffs and at least one vessel (17, 18; 25) containing a refrigerant substance for maintaining in the compartment (4) a cooling temperature for preserving fresh food-stuffs or a freezing temperature for preserving frozen food-stuffs. The refrigerant substance is a eutectic liquid and the isothermal container (1) is provided with a frigorific assembly (8) fixed outside the compartment (4) and designed to be connected to an electric power source, when available, for selectively and adjustably cooling the eutectic liquid.

IPC 8 full level
F25D 11/00 (2006.01); **F25D 16/00** (2006.01)

CPC (source: EP)
F25D 11/003 (2013.01); **F25D 11/006** (2013.01); **F25D 16/00** (2013.01)

Citation (applicant)
• EP 0337860 A2 19891018 - CARBOXYQUE FRANCAISE [FR]
• EP 0075816 A2 19830406 - BASF AG [DE]
• EP 0823600 A2 19980211 - OLIVO [FR]
• EP 0863374 A2 19980909 - MONETTI SPA [IT]
• US 8952556 B2 20150210 - WARREN JOHN S [US]
• EP 1939554 A1 20080702 - CANDY SPA [IT]
• FR 3007114 A1 20141219 - COLDWAY [FR]
• US 7600392 B2 20091013 - WILLIAMS THEODORE DAVID [AU], et al
• US 2011067852 A1 20110324 - FARRAR DAVID SCOTT [US]

Citation (search report)
• [XYI] US 2011067852 A1 20110324 - FARRAR DAVID SCOTT [US]
• [A] WO 2006007663 A1 20060126 - ERA ENVIRONMENTAL REFRIGERATIO [AU], et al
• [A] US 2015233617 A1 20150820 - CHOU FONG-LI [US], et al
• [Y] EP 1236960 A1 20020904 - HIGH TECHNOLOGY PARTICIPATION [LU]
• [A] DE 102010041951 A1 20120405 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

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 3244144 A1 20171115; IT UA20163308 A1 20171110

DOCDB simple family (application)
EP 17170355 A 20170510; IT UA20163308 A 20160510