

Title (en)  
APPARATUS FOR THE STORAGE, TRANSPORT AND DISTRIBUTION OF REFRIGERATED OR FROZEN GOODS, IN PARTICULAR FOR THERMALLY INSULATED CONTAINERS OF REFRIGERATED VEHICLES, COLD ROOMS AND THE LIKE

Title (de)  
VORRICHTUNG ZUR LAGERUNG, ZUM TRANSPORT UND ZUR VERTEILUNG GEKÜHLTER ODER GEFRORENER PRODUKTE, INSBESONDERE FÜR WÄRMEISOLIERTE BEHÄLTER ODER GEKÜHLTE FAHRZEUGE, KÜHLRÄUME UND DERGLEICHEN

Title (fr)  
APPAREIL DE STOCKAGE, TRANSPORT ET DISTRIBUTION DE MARCHANDISES RÉFRIGÉRÉES OU CONGELÉES, EN PARTICULIER POUR DES CONTENEURS THERMIQUEMENT ISOLÉS DE VÉHICULES RÉFRIGÉRANTS, DE CHAMBRES FROIDES ET ANALOGUES

Publication  
**EP 2992281 A4 20170118 (EN)**

Application  
**EP 14804311 A 20140502**

Priority  
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• US 2014036552 W 20140502

Abstract (en)  
[origin: WO2014193600A1] An apparatus for the storage, transport and distribution of refrigerated or frozen goods, in particular for thermally insulated containers of refrigerated vehicles, cold rooms and the like, including one or more thermal storage devices, each including a housing defining a cavity for holding a phase change material. The cavity contains a heat exchanger that may be supplied with a heat exchange fluid. The housing includes a substantially flat wall portion and a heat transfer enhanced wall portion. The apparatus includes ventilator in communication with the thermal storage device.

IPC 8 full level  
**F25D 3/00** (2006.01); **B60H 1/32** (2006.01); **F28D 1/06** (2006.01); **F28D 7/06** (2006.01); **F28D 20/02** (2006.01); **F28F 1/22** (2006.01); **F28F 1/40** (2006.01); **F28F 9/013** (2006.01); **F28F 19/00** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
• [XY] EP 1236960 A1 20020904 - HIGH TECHNOLOGY PARTICIPATION [LU]  
• [YA] US 2006117788 A1 20060608 - MORANO GIUSEPPE [IT], et al  
• [YA] US 2859945 A 19581111 - KLEIST HERMAN W  
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• [YA] EP 1712855 A2 20061018 - NOMURA S R L [IT]  
• [YA] EP 1632739 A2 20060308 - FIC S P A [IT]  
• [YA] EP 0206429 A2 19861230 - PHILIPS NV [NL]  
• See references of WO 2014193600A1

Designated contracting state (EPC)  
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**US 2014036552 W 20140502**; CN 201480038107 A 20140502; CN 201480038112 A 20140502; EP 14804311 A 20140502; EP 14830302 A 20140502; US 2014036555 W 20140502; US 201414888652 A 20140502; US 201414888653 A 20140502