

Title (en)
MODULAR THERMALLY INSULATED TRANSPORTATION CONTAINER

Title (de)
MODULARER WÄRMEISOLIERTER TRANSPORTBEHÄLTER

Title (fr)
RÉCIPIENT DE TRANSPORT MODULAIRE THERMOISOLÉ

Publication
EP 3049340 A1 20160803 (EN)

Application
EP 14777125 A 20140925

Priority
• GB 201317138 A 20130926
• GB 2014052910 W 20140925

Abstract (en)
[origin: GB2518645A] A thermally insulated container 1, for transporting temperature sensitive goods, has a modular construction that includes a plurality of thermally insulated container sections (3, figure 2a) and means 35 for fixing the container sections together. A modular system is also provided enabling a variety of different sized containers to be constructed, wherein each container constructed is sized and shaped for loading onto an aircraft Unit Load Device, such as a pallet, said modular system including thermally insulated wall elements 5, 7 and 9 that are configurable into the container sections. Gel packs containing phase change materials may be mounted on the walls of the container for controlling the temperature and temperature sensors may be included to monitor the containers temperature. An external adjustable support frame may be included to keep the container sections together by applying a compressive load. The wall elements may be filled with insulating foam.

IPC 8 full level
B65D 19/18 (2006.01); **B65D 21/08** (2006.01); **B65D 81/38** (2006.01)

CPC (source: EP GB)
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B65D 81/3825 (2013.01 - GB); **B65D 88/005** (2013.01 - GB); **B65D 90/023** (2013.01 - GB)

Designated contracting state (EPC)
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