

Title (en)
CRYOGENIC SHIPPING CONTAINER

Title (de)
KRYOGENER VERSANDBEHÄLTER

Title (fr)
CONTENEUR D'EXPEDITION CRYOGENIQUE

Publication
EP 1356229 A4 20091118 (EN)

Application
EP 01991461 A 20011228

Priority

- US 0149684 W 20011228
- US 75319400 A 20001229
- US 75319500 A 20001229
- US 75320800 A 20001229
- US 75320700 A 20001229

Abstract (en)
[origin: WO02053967A1] A shipping container (1) with an outer shipping container shell (3) and a support assembly for holding a dewar vessel (2) within the outer shipping container shell and providing impact and vibration resistance to the dewar vessel (3). The dewar vessel (3) has an inner vessel (13) that holds a specimen chamber (70) and plastic foam (30) between its inner wall and the specimen chamber. The specimen chamber (70) allows liquid cryogen to pass through it into the plastic foam (30), allows liquid cryogen in a vapor phase liquid state to pass from the plastic foam (30) into it, and acts as a filter to prevent particles or fragments of the plastic foam form from entering into it.

IPC 1-7
F17C 7/02; **F17C 7/04**

IPC 8 full level
B65D 81/18 (2006.01); **F17C 3/08** (2006.01); **F17C 13/00** (2006.01); **F25D 3/10** (2006.01); **F25D 25/00** (2006.01); **G01N 1/00** (2006.01)

CPC (source: EP)
A01N 1/0257 (2013.01); **F17C 3/08** (2013.01); **F17C 13/006** (2013.01); **F25D 3/105** (2013.01); **F25D 25/00** (2013.01); **G01N 2001/005** (2013.01)

Citation (search report)

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- See references of WO 02053967A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02053967 A1 20020711; EP 1356229 A1 20031029; EP 1356229 A4 20091118; JP 2004517007 A 20040610; JP 3958213 B2 20070815

DOCDB simple family (application)
US 0149684 W 20011228; EP 01991461 A 20011228; JP 2002554433 A 20011228