

Title (en)
MODULAR CONTAINER FOR CRYOGENIC LIQUIDS

Title (de)
MODULARER BEHÄLTER FÜR KRYOGENE FLÜSSIGKEITEN

Title (fr)
RECIPIENT MODULAIRE POUR LIQUIDES CRYOGENES

Publication
EP 1874575 A2 20080109 (DE)

Application
EP 06721208 A 20060413

Priority
• AT 2006000150 W 20060413
• AT 2282005 U 20050413

Abstract (en)
[origin: WO2006108206A2] The invention relates to a container for cryogenic fuel, which has a flat construction and which is surrounded by super insulation. The aim of the invention is to produce a container which can be adapted automatically and in an economical manner to various vehicle models and/or installation situations and can resist mechanical as well as thermal loads. As a result, it is composed of several similar straight and closed profiles (4, 5) which are arranged adjacent to each other in various configurations, said profiles being straight profiles which are arranged in a parallel manner in relation to each other, whereby the at least one external defining wall (14, 15, 16, 17) maintains a functional distance in relation to an external defining wall (18) of an adjacent profile and a common closure is embodied as a common connection chamber of the profile (6, 7) which is closed on the open end thereof (28, 29) on both sides. The reinforcements (24, 25) are, preferably, symmetrical to the sides of the external walls thereof (14, 15, 16, 17) in rectangular profiles.

IPC 8 full level
B60K 15/03 (2006.01); **F17C 1/00** (2006.01)

CPC (source: EP US)
B60K 15/03006 (2013.01 - EP US); **F17C 3/08** (2013.01 - EP US); **B60K 2015/03164** (2013.01 - EP US); **F17C 2201/0147** (2013.01 - EP US); **F17C 2201/0157** (2013.01 - EP US); **F17C 2201/0166** (2013.01 - EP US); **F17C 2201/054** (2013.01 - EP US); **F17C 2201/056** (2013.01 - EP US); **F17C 2203/011** (2013.01 - EP US); **F17C 2203/013** (2013.01 - EP US); **F17C 2203/014** (2013.01 - EP US); **F17C 2203/0391** (2013.01 - EP US); **F17C 2203/0629** (2013.01 - EP US); **F17C 2203/0636** (2013.01 - EP US); **F17C 2203/0639** (2013.01 - EP US); **F17C 2203/0646** (2013.01 - EP US); **F17C 2209/221** (2013.01 - EP US); **F17C 2221/012** (2013.01 - EP US); **F17C 2221/033** (2013.01 - EP US); **F17C 2223/0161** (2013.01 - EP US); **F17C 2223/033** (2013.01 - EP US); **F17C 2260/011** (2013.01 - EP US); **F17C 2270/0168** (2013.01 - EP US); **Y02E 60/32** (2013.01 - EP US)

Citation (search report)
See references of WO 2006108206A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006108206 A2 20061019; WO 2006108206 A3 20070118; AT 8860 U1 20070115; EP 1874575 A2 20080109; JP 2008537990 A 20081002; JP 4985991 B2 20120725; US 2008237240 A1 20081002

DOCDB simple family (application)
AT 2006000150 W 20060413; AT 2282005 U 20050413; EP 06721208 A 20060413; JP 2008510349 A 20060413; US 91153906 A 20060413