

Title (en)  
High and low pressure pumping systems for cryogenic or liquefied gases

Title (de)  
Hoch- und Niederdruckpumpensystem für kryogene oder verflüssigte Gase

Title (fr)  
Systèmes de pompage à haute et basse pression de gaz liquéfiés ou cryogéniques

Publication  
**EP 2696126 A2 20140212 (EN)**

Application  
**EP 13179474 A 20130806**

Priority  
IT RA20120014 A 20120809

Abstract (en)  
High and low pressure pumping systems for cryogenic or liquefied gases comprise at least one cryogenic tank (1) in which the liquefied cryogenic gas is stored at low pressure and at least one vaporizer (2) which is connected to the gas offtake region located downstream of the system. The systems comprise: at least one insulated tank (S; S1) which is interposed between a cryogenic tank (1) and a vaporizer (2); valves (V1, V2, V; V1, V3, V13) for connecting the tank (S; S1) to the tank (1) and valves (V3, V4; V2, V4) for connecting the tank (S; S1) to the vaporizer (2).

IPC 8 full level  
**F17C 9/02** (2006.01); **F17C 5/06** (2006.01)

CPC (source: EP)  
**F17C 5/06** (2013.01); **F17C 9/02** (2013.01); **F17C 2221/011** (2013.01); **F17C 2221/014** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2223/046** (2013.01); **F17C 2225/0123** (2013.01); **F17C 2225/036** (2013.01); **F17C 2227/0339** (2013.01); **F17C 2227/0374** (2013.01); **F17C 2227/0393** (2013.01); **F17C 2227/047** (2013.01); **F17C 2250/01** (2013.01); **F17C 2250/0408** (2013.01); **F17C 2250/043** (2013.01); **F17C 2250/0443** (2013.01); **F17C 2250/075** (2013.01); **F17C 2250/077** (2013.01); **F17C 2260/02** (2013.01); **F17C 2270/0139** (2013.01); **F17C 2270/02** (2013.01); **F17C 2270/05** (2013.01)

Cited by  
CN109455428A

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 2696126 A2 20140212**; IT RA20120014 A1 20140210

DOCDB simple family (application)  
**EP 13179474 A 20130806**; IT RA20120014 A 20120809