

Title (en)

Method and apparatus for sterilization

Title (de)

Verfahren und Vorrichtung zum Sterilizieren

Title (fr)

Procédé et dispositif de stérilisation

Publication

EP 1707866 A1 20061004 (EN)

Application

EP 05007252 A 20050402

Priority

EP 05007252 A 20050402

Abstract (en)

The invention relates to an apparatus and a method for storing or conducting a cryogenic fluid comprising a main conduct (13) and a second conduct (15) branching off from said main conduct (13). According to the invention means (35) for heating said second conduct (15) are provided in order to build up a gas buffer within said second conduct (15). (Figure 1)

IPC 8 full level

A61L 2/00 (2006.01); **B01D 53/00** (2006.01); **F17C 7/04** (2006.01); **F17C 9/02** (2006.01)

CPC (source: EP)

F17C 7/04 (2013.01); **F17C 9/02** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2205/0326** (2013.01); **F17C 2205/0341** (2013.01);
F17C 2221/011 (2013.01); **F17C 2221/013** (2013.01); **F17C 2221/014** (2013.01); **F17C 2221/016** (2013.01); **F17C 2223/0123** (2013.01);
F17C 2223/033 (2013.01); **F17C 2223/035** (2013.01); **F17C 2225/0161** (2013.01); **F17C 2225/033** (2013.01); **F17C 2227/0304** (2013.01);
F17C 2227/0341 (2013.01); **F17C 2227/0393** (2013.01); **F17C 2250/01** (2013.01); **F17C 2250/0439** (2013.01); **F17C 2250/0631** (2013.01);
F17C 2250/0636 (2013.01); **F17C 2250/072** (2013.01); **F17C 2260/037** (2013.01); **F17C 2270/02** (2013.01); **F17C 2270/05** (2013.01)

Citation (applicant)

EP 0872250 B1 20031001 - PRAXAIR TECHNOLOGY INC [US]

Citation (search report)

- [X] US 4620962 A 19861104 - BRODBECK HOWARD D [US]
- [X] US 6395064 B1 20020528 - XU MINDI [US], et al
- [X] EP 0702964 A1 19960327 - BOC GROUP PLC [GB]
- [X] WO 9729786 A1 19970821 - THOMASSEN & DRIJVER [NL], et al
- [X] US 5373701 A 19941220 - SIEFERING KEVIN L [US], et al

Cited by

JP2013531212A; EP2569570A4

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1707866 A1 20061004

DOCDB simple family (application)

EP 05007252 A 20050402