

Title (en)

Protecture container for the underground installation of tanks for pressurized, liquefied gas

Title (de)

Schutzbehälter für die unterirdische Installation von Tanks für Flüssiggas unter Druck

Title (fr)

Réceptient protecteur pour l'installation sous terrain de réservoirs pour gaz liquéfié sous pression

Publication

EP 0752555 B1 19981104 (EN)

Application

EP 95830293 A 19950707

Priority

EP 95830293 A 19950707

Abstract (en)

[origin: EP0752555A1] An improved fluid-tight, openable, protective container (1, 2, 3, 4) for the underground installation of a tank of pressurized, liquefied gas (14) with the formation of an interspace (17) between the container and the tank housed therein, in which the container has a top (3) which has a hatch (4) and is fixed removably to a peripheral wall (1) and which forms, with a connecting collar (12) of the hatch (4), a semitoroidal housing for a sealing ring (13) for separating the interspace (17) from a space inside the hatch (4), the semitoroidal housing having an outer edge (18) for bearing on the tank (14) to ensure a predetermined compression of the seal (13), an opening of predetermined depth (H1) between an inner edge (20) of the housing and the tank (14), and differentiated sealing by the seal (13) under excess pressures according to whether these develop in the interspace (17) or in the space inside the hatch (4). The outer edge (18) has at least one radial channel which enables inspection probes to be introduced into the interspace from the hatch simply by the removal of the seal (13), without the need to remove the top (3). <IMAGE>

IPC 1-7

F17C 1/00; **F17C 13/12**

IPC 8 full level

F17C 1/00 (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP)

F17C 1/005 (2013.01); **F17C 13/123** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/054** (2013.01); **F17C 2201/056** (2013.01); **F17C 2203/0636** (2013.01); **F17C 2205/0111** (2013.01); **F17C 2205/0126** (2013.01); **F17C 2205/018** (2013.01); **F17C 2205/0308** (2013.01); **F17C 2209/228** (2013.01); **F17C 2209/238** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2223/033** (2013.01); **F17C 2250/038** (2013.01); **F17C 2250/0478** (2013.01); **F17C 2250/0495** (2013.01); **F17C 2260/015** (2013.01); **F17C 2260/053** (2013.01); **F17C 2270/0147** (2013.01)

Cited by

AU2006203659B2; CN102829320A; FR2782368A1; CN112696606A; EP1435481A1; WO2014151638A1; WO2005093314A1; WO9834063A1

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