

Title (en)

Support assembly and gas container, such as a medical gas bottle

Title (de)

Halterungseinheit und Gasbehälter, wie etwa eine medizinische Gasflasche

Title (fr)

Ensemble support et récipient de gaz, telle une bouteille de gaz médical

Publication

EP 2884152 A2 20150617 (FR)

Application

EP 14191094 A 20141030

Priority

FR 1362596 A 20131213

Abstract (en)

[origin: US2015167897A1] The invention relates to a container/container support assembly, notably for a medical gas cylinder, comprising a gas container (11) comprising a protective cap (3) comprising a peripheral wall (3), and a container support (20) able and designed to accept and bear said gas container (11). The protective cap (3) of the gas container (11) comprises a fixing element (10) projecting from the surface of the peripheral wall (3), and said container support (20) comprises an attachment system (24) for fixing said container support (20) to a bearing structure (30), and a housing (22) able and designed to accept said fixing element (10) borne by the protective cap (3) of the gas container (11) so as to secure said gas container (11) to said container support (20) when said fixing element (10) is positioned in said housing (22) of the container support (20).

Abstract (fr)

L'invention porte sur un ensemble récipient/support de récipient, notamment pour bouteille de gaz médical, comprenant un récipient de gaz (11) comprenant un capotage de protection (3) comportant une paroi périphérique (3), et un support de récipient (20) apte à et conçu pour recevoir et porter ledit récipient de gaz (11). Le capotage de protection (3) du récipient de gaz (11) comprend un élément de fixation (10) faisant saillie à la surface de la paroi périphérique (3), et ledit support de récipient (20) comporte un système d'accrochage (24) pour fixer ledit support de récipient (20) à une structure-porteuse (30), et un logement (22) apte à et conçu pour recevoir ledit élément de fixation (10) porté par le capotage de protection (3) du récipient de gaz (11) de manière à solidariser ledit récipient de gaz (11) audit support de récipient (20), lorsque ledit élément de fixation (10) est positionné dans ledit logement (22) du support de récipient (20).

IPC 8 full level

F17C 13/08 (2006.01)

CPC (source: EP US)

F17C 13/06 (2013.01 - US); **F17C 13/084** (2013.01 - EP US); **F17C 2201/0109** (2013.01 - EP US); **F17C 2201/032** (2013.01 - EP US); **F17C 2201/058** (2013.01 - EP US); **F17C 2205/0188** (2013.01 - EP US); **F17C 2205/0192** (2013.01 - EP US); **F17C 2205/0308** (2013.01 - EP US); **F17C 2205/0323** (2013.01 - US); **F17C 2205/0329** (2013.01 - EP US); **F17C 2205/0338** (2013.01 - EP US); **F17C 2205/0394** (2013.01 - EP US); **F17C 2209/2109** (2013.01 - US); **F17C 2221/011** (2013.01 - EP US); **F17C 2221/017** (2013.01 - EP US); **F17C 2221/03** (2013.01 - EP US); **F17C 2221/031** (2013.01 - EP US); **F17C 2223/0123** (2013.01 - EP US); **F17C 2223/035** (2013.01 - EP US); **F17C 2250/043** (2013.01 - EP US); **F17C 2250/0443** (2013.01 - EP US); **F17C 2250/0491** (2013.01 - EP US); **F17C 2260/015** (2013.01 - EP US); **F17C 2270/02** (2013.01 - EP US); **F17C 2270/05** (2013.01 - EP US); **F17C 2270/0545** (2013.01 - EP US)

Citation (applicant)

- EP 0629812 A1 19941221 - FRANCE PROD OXYGENES CO [FR]
- EP 2586481 A1 20130501 - LINDE AG [DE]

Cited by

CN112572840A; CN106704821A

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 2884152 A2 20150617; **EP 2884152 A3 20151223**; FR 3015001 A1 20150619; FR 3015001 B1 20151225; US 10323796 B2 20190618; US 2015167897 A1 20150618

DOCDB simple family (application)

EP 14191094 A 20141030; FR 1362596 A 20131213; US 201414556262 A 20141201