

Title (en)
Collar for gas bottle

Title (de)
Kragen für Gasflasche

Title (fr)
Collier pour bouteille de gaz

Publication
EP 2770243 A3 20180228 (FR)

Application
EP 14155886 A 20140220

Priority
LU 92157 A 20130221

Abstract (en)
[origin: EP2770243A2] The collar (4) has a base (10) with a central opening (12) for receiving the collar of a cylinder (6). A fastening unit such as M66x2.5 type female threading, is arranged to the collar. An annular portion (14) extends longitudinally from the base so as to surround a valve (8) for its protection. The annular portion has a generally cylindrical shape with a flared free upper edge (16) in an opposite longitudinal direction at the base. The portion has a recess (18) at its free edge, where the recess extends to the base and is intended to give access to the valve in a radial direction. Independent claims are also included for the following: (1) a gas cylinder (2) a method for manufacturing a protection and gripping collar.

IPC 8 full level
F17C 13/08 (2006.01); **F17C 1/00** (2006.01)

CPC (source: EP)
F17C 1/00 (2013.01); **F17C 13/084** (2013.01); **F17C 2201/0104** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/058** (2013.01); **F17C 2205/0308** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2223/033** (2013.01); **F17C 2260/015** (2013.01); **F17C 2270/0745** (2013.01)

Citation (search report)

- [XAI] EP 1041339 A1 20001004 - AIR LIQUIDE [FR]
- [XI] JP H03104600 U 19911030
- [XI] JP H08338593 A 19961224 - SAN FRONTIER TECHNOL KK
- [XI] US 2234458 A 19410311 - LANCE UNDERHILL
- [XAI] FR 2976048 A1 20121207 - AIR LIQUIDE MEDICAL SYSTEMS [FR]

Cited by
EP3561365A1; FR3080669A1; WO2016058951A3

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)
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EP 14155886 A 20140220; LU 92157 A 20130221