

Title (en)

Source of pressure gas with combustion gas for manual operation

Title (de)

Druckgasquelle mit Brenngasfüllung für manuelle Handhabung

Title (fr)

Source de gaz sous pression avec gaz combustible pour opération manuelle

Publication

EP 1701086 A3 20110420 (DE)

Application

EP 06002897 A 20060214

Priority

DE 102005010282 A 20050307

Abstract (en)

[origin: EP1701086A2] The compressed gas source has metal containers (2) made of aluminum with a degree of purity of 95 wt percent. The metal containers have a cylinder section and a dome-shaped neck section (4) whereby an extraction valve is arranged in the axis (A-A) of the neck section. The neck section is formed to attach a gas burner. The metal container has wall thickness ("dw") between 0.6 and 1.5 and cracking pressure between 40 and 80 bar. The outer diameter of the cylinder section (3) is between 70 and 120 mm. The charge ("F") contains at least 95 wt percent propane.

IPC 8 full level

F17C 1/14 (2006.01)

CPC (source: EP)

F17C 1/14 (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/0114** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0617** (2013.01); **F17C 2203/0646** (2013.01); **F17C 2205/018** (2013.01); **F17C 2205/0329** (2013.01); **F17C 2205/0394** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2223/035** (2013.01); **F17C 2260/011** (2013.01); **F17C 2270/0745** (2013.01)

Citation (search report)

- [X] US 3024936 A 19620313 - LOGUE JR CLYDE C
- [X] DE 7340580 U
- [X] US 3889835 A 19750617 - AVANT RICHARD H, et al
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- [X] EP 0741088 A2 19961106 - LECHNER GMBH [DE]
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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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1701086 A2 20060913; **EP 1701086 A3 20110420**; DE 102005010282 B3 20061102

DOCDB simple family (application)

EP 06002897 A 20060214; DE 102005010282 A 20050307