

Title (en)

Process and system for filling gas bottles

Title (de)

Verfahren und Vorrichtung zur Befüllung von Gasflaschen

Title (fr)

Procédé et installation de remplissage de bouteilles de gaz

Publication

**EP 2354627 B1 20190605 (FR)**

Application

**EP 10190321 A 20101108**

Priority

FR 1050343 A 20100120

Abstract (en)

[origin: EP2354627A1] The installation has a buffer capacity (1) containing pressurized gas. A filling ramp (3) is placed for filling gas containers (4). A gas supply line (2) enables fluidic connection of the buffer capacity with the filling ramp. A filling valve (5) is arranged on the supply line. A control valve (8) is arranged on the supply line between the buffer capacity and the filling valve. A non-return device (9) i.e. non-return valve, is arranged on a by-pass line (10) to authorize a passage of gas in a direction of the filling ramp. An independent claim is also included for a method for filling gas containers.

IPC 8 full level

**F17C 5/06** (2006.01); **F17C 7/00** (2006.01); **F17C 9/02** (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP)

**F17C 5/06** (2013.01); **F17C 7/00** (2013.01); **F17C 9/02** (2013.01); **F17C 13/025** (2013.01); **F17C 2205/0142** (2013.01); **F17C 2205/0326** (2013.01); **F17C 2205/0335** (2013.01); **F17C 2221/011** (2013.01); **F17C 2221/031** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2223/036** (2013.01); **F17C 2223/043** (2013.01); **F17C 2223/045** (2013.01); **F17C 2225/0123** (2013.01); **F17C 2225/036** (2013.01); **F17C 2227/0135** (2013.01); **F17C 2227/0302** (2013.01); **F17C 2227/0393** (2013.01); **F17C 2227/043** (2013.01); **F17C 2250/01** (2013.01); **F17C 2260/025** (2013.01); **F17C 2270/02** (2013.01); **F17C 2270/025** (2013.01)

Cited by

CN105757448A; CN108506733A

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DOCDB simple family (publication)

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