

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)

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Cited by

CN105757448A; CN108506733A

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