

Title (en)

PRESSURIZED GAS DISPENSING DEVICE, ASSEMBLY INCLUDING SUCH A DEVICE AND A CONTROL DEVICE, AND CONTAINER PROVIDED WITH SUCH A DISPENSING DEVICE

Title (de)

VORRICHTUNG ZUR AUSGABE VON UNTER DRUCK STEHENDEM GAS, ANORDNUNG MIT EINER SOLCHEN VORRICHTUNG UND EINER STEUERVORRICHTUNG DAFÜR SOWIE MIT EINER SOLCHEN AUSGABEVORRICHTUNG AUSGESTATTETER BEHÄLTER

Title (fr)

DISPOSITIF DISTRIBUTEUR DE GAZ SOUS PRESSION, ENSEMBLE COMPRENANT UN TEL DISPOSITIF ET DISPOSITIF DE COMMANDE, RÉCIPIENT POURVU D'UN TEL DISPOSITIF DISTRIBUTEUR

Publication

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Application

EP 09761889 A 20090507

Priority

- FR 2009050845 W 20090507
- FR 0853163 A 20080516

Abstract (en)

[origin: WO2009150338A2] The invention relates to a pressurized gas dispensing device (200) such as a tap, which includes a first end, to be placed in the opening of a pressurized gas storage tank (30), and a second end, including a connection interface (31) selectively connectable to a device (30) for controlling the filling and/or withdrawal of gas from the tank, the dispensing device (200) including an internal gas circuit (20) having an upstream end connecting inside the tank (30) and a downstream end to be connected to said filling and/or withdrawal control device, the internal circuit (20) including in series, upstream to downstream, a pressure regulator (50) and a downstream insulation valve (160), the portion of the internal circuit (20) located between the pressure regulator (50) and the downstream insulation valve (160) defining a so-called low-pressure chamber (3), the dispensing device (200) being characterized in that the connection interface (31) includes at least one safety lock (7) selectively movable between a first rest position, wherein the lock shapes the connection interface (31) into a first configuration connectable to said combined filling and/or withdrawal control device, and a second active position, wherein the lock shapes the connection interface (31) into a second configuration preventing connection to a combined filling and/or withdrawal control device, the safety lock (7) being subject to the pressure in the so-called low-pressure chamber (3) directly and/or via an intermediate transmission member such as a movable piston (1, 6), the safety lock (7) being moved to the active position thereof by the pressure in the low-pressure chamber (3) when the pressure (P) in the low-pressure chamber (3) is greater than a predetermined threshold (Ps).

IPC 8 full level

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