

Title (en)

CLOSURE DEVICE FOR A PRESSURE RESERVOIR OF A GAS-REFRIGERATION GENERATOR, WHICH CAN BE FILLED WITH A COMPRESSED GAS

Title (de)

VERSCHLUSSEINRICHTUNG FÜR EINEN MIT DRUCKGAS BEFÜLLBAREN DRUCKBEHÄLTER EINES KALTGASGENERATORS

Title (fr)

DISPOSITIF DE FERMETURE POUR RÉCIPIENT SOUS PRESSION DE GÉNÉRATEUR DE GAZ BASSE TEMPÉRATURE, POUVANT ÊTRE REMPLI DE GAZ SOUS PRESSION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008086963A1] The invention relates to a closure device for a pressure reservoir (14) of a gas-refrigeration generator (11), which pressure reservoir can be filled with a compressed gas. The valve body (21) is arranged so as to be displaceable inside a valve box (18). The valve body (21) has an effective compressive surface facing the main chamber (15) and an effective compressive surface facing the prechamber (52), both surfaces having identical size and being impingeable with the filling pressure of the main chamber (15). The valve body (21) is retained in a closed position by an outer effective compressive surface (64) which is subject to an atmospheric pressure in the direction of closure and by an energy storing element (47).

IPC 8 full level

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