Title (en)

CONTROLLED PNEUMATIC DEVICE FOR AUTOMATIC INFLATING/DEFLATING OF A CONFINEMENT CAPACITY OF A GAS FLUID UNDER RELATIVE PRESSURE

Title (de)

PNEUMATISCHE STEUERVORRICHTUNG EINER AUTOMATISCHEN DRUCKMESSUNGS- UND REGELUNGSANLAGE FÜR EINEN GESCHLOSSENEN BEHÄLTER MIT EINEM GASFÖRMIGEN MEDIUM UNTER RELATIVDRUCK

Title (fr)

DISPOSITIF PNEUMATIQUE PILOTE DE GONFLAGE-DEGONFLAGE AUTOMATIQUE D'UNE CAPACITE DE CONFINEMENT D'UN FLUIDE GAZEUX SOUS PRESSION RELATIVE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO02078984A1] The invention concerns a controlled pneumatic valve (1), for remote inflating and deflating of a capacity (2), comprising a membrane (17) maintained between a valve body (18), including orifices (24) and a cover (19); and defining with said cover a control chamber (20) and with the body an escape chamber (21), the latter being capable of being connected with the capacity (2) for deflation when the check valve (28) is thrust by levers (32) inverting the direction of movement of the membrane (17) sucked towards the cover (19). By the action of a pressure in the control chamber (20), the membrane (17), bearing a cup (33) with an annular conduit, moves towards the body (18), isolates the escape chamber (21), and opens the check valve (28) by direct thrust to perform inflation. The inventive device is particularly designed to control and adjust tyre pressure.

IPC 1-7

B60C 23/00

IPC 8 full level

B60C 23/00 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 02078984A1

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