

Title (en)

SAFETY VALVE FOR SEALED CHAMBER CONTAINING A PRESSURISED FLUID SUCH AS A LPG TANK

Title (de)

SICHERHEITSVENTIL FÜR EINEN DRUCKBEHÄLTER , INBESONDERE EINEM TANK FÜR FLÜSSIGES PROPANGAS

Title (fr)

SOUPAPE DE SURETE POUR ENCEINTE ETANCHE CONTENANT UN FLUIDE SOUS PRESSION TEL UN RESERVOIR GPL

Publication

EP 1115990 A1 20010718 (FR)

Application

EP 00948063 A 20000630

Priority

- FR 0001841 W 20000630
- FR 9909500 A 19990722

Abstract (en)

[origin: FR2796701A1] Valve consists of hollow housing (2) containing spring (7) which interacts at one end with stopper (9) equipped with base seal (13). Pressure of spring against stopper is controlled by perforated screw (8) which screws into housing. Valve pressure is balanced by second spring (12) or rod with shape memory effect which allows gases under excessive pressure to be released through ejectable cap (20). The second spring or rod has a stiffness which increases up to a predetermined threshold temperature level. the safety valve can be linked to an indicator on the vehicle dashboard to show when the valve is actuated.

IPC 1-7

F16K 17/38; F16K 31/00; F16K 17/00

IPC 8 full level

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CPC (source: EP)

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