

Title (en)

SAFETY VALVE WITH METAL ELEMENTS FOR GAS CARTRIDGE

Title (de)

SICHERHEITSVENTIL MIT METALLELEMENTEN FÜR EINE GASKASSETTE

Title (fr)

SOUPAPE DE SÉCURITÉ À ÉLÉMENTS MÉTALLIQUES POUR CARTOUCHE DE GAZ

Publication

EP 3825598 A1 20210526 (EN)

Application

EP 20213629 A 20171217

Priority

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- GR 20170200047 U 20170404
- EP 17835497 A 20171217
- IB 2017058032 W 20171217

Abstract (en)

A cartridge (60) for storing liquefied gas under pressure comprises a container (67) and a valve (30). The valve (30) has a jacket (31) fitted to the container (67), which encloses a hollow body (34) with an inlet (39) and an outlet. The hollow body (34) has in its interior a movable element (35) moving between a position that allows the flow of the gas outwards from the cartridge (60) and a position that does not. The hollow body (34) has one end that is within the container (67) and sealed with a bottom (38) that does not allow the flow of the gas from the said end towards the interior of the hollow body (34). The bottom (38) does not allow the flow of gas either in liquid or gaseous form within the hollow body and ensures a flawless flow of the fluid without causing clogging of the valve.

IPC 8 full level

F17C 13/04 (2006.01)

CPC (source: EP KR)

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Citation (applicant)

- FR 1433490 A 19660401 - APPLIC GAZ SA
- US 4971224 A 19901120 - SCREMIN GERARD [FR]
- WO 2012041939 A1 20120405 - PASCHOS GEORGE [GR]
- US 3285274 A 19661115 - DANIEL BOUVIER

Citation (search report)

- [AD] US 3285274 A 19661115 - DANIEL BOUVIER
- [A] FR 1449846 A 19660819 - GAZ ET PETROLE SA
- [A] KR 101281536 B1 20130719 - DAE RYUK CAN CO LTD [KR]
- [AD] US 4971224 A 19901120 - SCREMIN GERARD [FR]
- [AD] FR 1433490 A 19660401 - APPLIC GAZ SA
- [A] WO 2015092447 A1 20150625 - CORAL GAS A E B E Y [GR]
- [A] US 3884256 A 19750520 - CORLET GABRIEL
- [A] FR 2637957 A1 19900420 - CHOUKRI MOHAMMAD [FR]

Designated contracting state (EPC)

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