

Title (en)

PERFORABLE CARTRIDGE FOR LIQUEFIED GAS PROVIDED WITH A SAFETY DEVICE

Title (de)

PERFORIERBARE KARTUSCHE FÜR FLÜSSIGGAS AUSGERÜSTET MIT EINER SICHERHEITSEINRICHTUNG

Title (fr)

CARTOUCHE PERFORABLE POUR GAZ LIQUÉFIÉ ÉQUIPÉE D'UN DISPOSITIF DE SÉCURITÉ

Publication

**EP 3088791 A1 20161102 (EN)**

Application

**EP 16162368 A 20160324**

Priority

IT 20150187 A 20150327

Abstract (en)

A perforable cartridge for liquefied gas comprising a generally cylindrical casing (1) with a lateral wall (2) and an upper wall (3) having a central perforable portion (5), and a safety device (7) including a check valve (14) biased against the perforable portion (5) by the action of a helical spring (13) carried by a support (9) formed in one piece with an array of rigid radial arms (8) whose radially outer ends (11) are engaged upon said inner annular projection (6) of the lateral wall (2) of the cartridge formed in proximity of the upper wall (3) thereof.

IPC 8 full level

**F17C 1/00** (2006.01); **F17C 13/00** (2006.01)

CPC (source: EP)

**F17C 1/00** (2013.01); **F17C 13/005** (2013.01); **F17C 2201/0104** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0617** (2013.01); **F17C 2205/032** (2013.01); **F17C 2205/0332** (2013.01); **F17C 2205/0391** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2223/033** (2013.01); **F17C 2260/036** (2013.01); **F17C 2270/0709** (2013.01)

Citation (applicant)

- FR 2901863 A1 20071207 - APPLIC DES GAZ SOC PAR ACTIONS [FR]
- EP 1406041 A2 20040407 - GUILBERT EXPRESS SA [FR]
- EP 2803897 A2 20141119 - PROVIDUS S R L [IT]

Citation (search report)

- [AD] EP 2803897 A2 20141119 - PROVIDUS S R L [IT]
- [AD] EP 1406041 A2 20040407 - GUILBERT EXPRESS SA [FR]
- [AD] FR 2901863 A1 20071207 - APPLIC DES GAZ SOC PAR ACTIONS [FR]

Cited by

EP4098930A1; IT202100014129A1; WO2019002895A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3088791 A1 20161102**; **EP 3088791 B1 20180131**; **EP 3088791 B8 20180516**; ES 2664448 T3 20180419

DOCDB simple family (application)

**EP 16162368 A 20160324**; ES 16162368 T 20160324