

Title (en)  
Gas cartridge with safety system

Title (de)  
Gaskartusche mit Sicherheitsvorrichtung

Title (fr)  
Cartouche de gaz avec système de sécurité

Publication  
**EP 2913578 A3 20151202 (EN)**

Application  
**EP 14386032 A 20141204**

Priority  
GR 20140100115 A 20140226

Abstract (en)  
[origin: EP2913578A2] Disposable gas cartridge with safety system with a detachable plate (2), which, through the neurons (3, 4) that the cartridge (1) has, is fixed and securely held in the inner part of the cartridge (1), while the detachable plate (2) is shaped in a way that when the plate (2) is fixed in the inner part of the cartridge (1) and under pressure, a single point of contact is created between the plate (2) and the cartridge (1), due to the spherical head (6 or 17), and as result, when the pin (10) penetrates the cartridge (1), the possibility of releasing any quantity gas sufficient for ignition, is minimized.

IPC 8 full level  
**F17C 1/14** (2006.01)

CPC (source: EP)  
**F17C 1/14** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0636** (2013.01); **F17C 2205/032** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2260/036** (2013.01); **F17C 2270/0709** (2013.01)

Citation (search report)

- [X] GB 2002892 A 19790228 - APPLIC GAZ SA
- [A] EP 1406041 A2 20040407 - GUILBERT EXPRESS SA [FR]
- [A] FR 2942863 A1 20100910 - GUILBERT EXPRESS SA [FR]
- [A] US 2011017752 A1 20110127 - CARRATO ERIC [FR], et al

Cited by  
GR1010269B; EP4098930A1; IT202100014129A1; WO2023135434A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2913578 A2 20150902**; **EP 2913578 A3 20151202**; **EP 2913578 B1 20191030**; CY 1122512 T1 20210127; DK 2913578 T3 20200120; ES 2759361 T3 20200508; HU E046962 T2 20200330; PL 2913578 T3 20200430; PT 2913578 T 20200107

DOCDB simple family (application)  
**EP 14386032 A 20141204**; CY 191101313 T 20191216; DK 14386032 T 20141204; ES 14386032 T 20141204; HU E14386032 A 20141204; PL 14386032 T 20141204; PT 14386032 T 20141204