

Title (en)  
Safety device for a fuse

Title (de)  
Sicherungseinrichtung für einen Zünder

Title (fr)  
Dispositif de sécurisation pour une amorce

Publication  
**EP 2060868 A3 20130220 (DE)**

Application  
**EP 08019240 A 20081104**

Priority  
DE 102007054777 A 20071116

Abstract (en)  
[origin: EP2060868A2] The detonation chain (8) includes a second detonator (14). The barrier (16), when in a safety position, blocks the intermediate space between the two detonators (10, 14). The detonation chain can be brought into a live state, by moving the barrier to open the intermediate space. When the barrier is moved, the two detonators remain stationary with respect to each other. The first safety device (24) is unlocked mechanically. An electronic controller causes the second safety device (26) to unlock.

IPC 8 full level  
**F42C 15/34** (2006.01); **F42C 15/00** (2006.01); **F42C 15/20** (2006.01); **F42C 15/21** (2006.01); **F42C 15/40** (2006.01); **F42C 15/188** (2006.01)

CPC (source: EP US)  
**F42C 15/005** (2013.01 - EP US); **F42C 15/188** (2013.01 - EP US); **F42C 15/34** (2013.01 - EP US)

Citation (search report)

- [XYI] DE 1074455 B
- [Y] FR 2427574 A1 19791228 - BRITISH AEROSPACE [GB]
- [Y] US 2003070571 A1 20030417 - HODGE KATHLEEN F [US], et al
- [Y] EP 0327706 A2 19890816 - JUNGHANS GMBH GEB [DE]
- [A] ES 2138474 A1 20000101 - GARCIA GARCIA JOSE [ES]
- [A] DE 19727002 A1 19990107 - RHEINMETALL W & M GMBH [DE]
- [A] FR 2490806 A1 19820326 - BOFORS AB [SE]

Cited by  
CN107152897A; CN107121034A; CN107121033A; CN107144188A; CN107144187A

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2060868 A2 20090520; EP 2060868 A3 20130220**; CA 2639467 A1 20090516; CA 2639467 C 20141028; DE 102007054777 B3 20090813; US 2009126593 A1 20090521; US 8381650 B2 20130226

DOCDB simple family (application)  
**EP 08019240 A 20081104**; CA 2639467 A 20080909; DE 102007054777 A 20071116; US 26532108 A 20081105