

Title (en)

Micro-machined or micro-engraved safing and arming device

Title (de)

Mikromechanisch bearbeitete oder mikrogravierte Sicherungs- und Scharfstellungsrichtung

Title (fr)

Dispositif de sécurité et d'armement micro-usiné ou micro-gravé

Publication

EP 2077431 B1 20130717 (FR)

Application

EP 09290003 A 20090106

Priority

FR 0800069 A 20080107

Abstract (en)

[origin: EP2077431A2] The device (12) has a substrate (13) on which a pyrotechnic chain interruption flap (14) is placed, where the flap is movable in translation and maintained immobilized by an axial acceleration bolt (17) and a centrifugal bolt. The acceleration bolt is released as a result of application of acceleration communicated to a missile during firing, and the centrifugal bolt is released as a result of rotation of the missile. The centrifugal bolt includes a locking finger (22) integrated to the substrate by a flexible tab (23).

IPC 8 full level

F42C 15/00 (2006.01); **F42C 15/26** (2006.01); **F42C 15/34** (2006.01)

CPC (source: EP US)

F42C 15/005 (2013.01 - EP US); **F42C 15/26** (2013.01 - EP US); **F42C 15/34** (2013.01 - EP US)

Cited by

EP2402706A1; EP2402707A1; EP2482029A1; EP2482028A1; EP2482027A1; FR2962210A1; FR2962209A1; FR2971049A1; FR2971048A1; FR2971050A1; US8656837B2; US9194682B2; US8714090B2; US8689690B2; US8459184B2

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2077431 A2 20090708; EP 2077431 A3 20100210; EP 2077431 B1 20130717; ES 2429491 T3 20131115; FR 2926134 A1 20090710; FR 2926134 B1 20100326; PL 2077431 T3 20131231; US 2009205526 A1 20090820; US 8166880 B2 20120501

DOCDB simple family (application)

EP 09290003 A 20090106; ES 09290003 T 20090106; FR 0800069 A 20080107; PL 09290003 T 20090106; US 31864609 A 20090105