

Title (en)

Arming and security device for a pyrotechnic chain of a projectile

Title (de)

Sicherheits- und Zündvorrichtung für eine pyrotechnische Kette eines Geschosses

Title (fr)

Dispositif de sécurité et d'armement pour une chaîne pyrotechnique d'un projectile

Publication

EP 2482027 B1 20130828 (FR)

Application

EP 12290027 A 20120125

Priority

FR 1100311 A 20110131

Abstract (en)

[origin: EP2482027A1] The device (12) has a substrate (13) on which a sliding shutter (14) is arranged to assure interruption of a pyrotechnic train. The shutter is immobilized by an axial acceleration lock (17) and a centrifugal lock (18). A swiveling locking finger (18a) is positioned between the substrate and the shutter. A counterweight (21) is arranged in a housing (20) of the shutter, and slides under the effect of centrifugal acceleration. The counterweight comes into contact with a prolongation (18d) of the finger, at the end of stroke, to allow swiveling of the finger to release the centrifugal lock.

IPC 8 full level

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CPC (source: EP US)

F42C 15/005 (2013.01 - EP US); **F42C 15/24** (2013.01 - EP US); **F42C 15/26** (2013.01 - EP US)

Cited by

EP3913317A1; FR3110687A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 12290027 A 20120125; ES 12290027 T 20120125; FR 1100311 A 20110131; PL 12290027 T 20120125; US 201213358642 A 20120126