

Title (en)

Security and weaponry device with breakable bolt

Title (de)

Sicherheits- und Zündvorrichtung mit einem zerbrechlichen Riegel

Title (fr)

Dispositif de sécurité et d'armement à verrou cassable

Publication

**EP 2482028 B1 20131120 (FR)**

Application

**EP 12290028 A 20120125**

Priority

FR 1100310 A 20110131

Abstract (en)

[origin: EP2482028A1] The device (12) has a substrate (13) onto which a shutter (14) is positioned to ensure blocking of a channel. The shutter is movable in translation on the substrate. The shutter is immovable in a safety position by an acceleration lock (17) that is released following to the application of axial acceleration imparted to a projectile during firing. The lock includes a breakable tongue connecting the shutter to the substrate. The tongue is oriented and dimensioned such that axial inertial stresses are developed during firing and exerted on the shutter to cause the tongue to break.

IPC 8 full level

**F42C 15/184** (2006.01); **F42C 15/24** (2006.01); **F42C 15/34** (2006.01)

CPC (source: EP US)

**F42C 15/184** (2013.01 - EP US); **F42C 15/24** (2013.01 - EP US); **F42C 15/34** (2013.01 - EP US)

Cited by

EP3913317A1; FR3110687A1

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

DOCDB simple family (publication)

**EP 2482028 A1 20120801**; **EP 2482028 B1 20131120**; ES 2442908 T3 20140214; FR 2971048 A1 20120803; FR 2971048 B1 20130111; PL 2482028 T3 20140430; US 2012192746 A1 20120802; US 8689690 B2 20140408

DOCDB simple family (application)

**EP 12290028 A 20120125**; ES 12290028 T 20120125; FR 1100310 A 20110131; PL 12290028 T 20120125; US 201213358719 A 20120126