

Title (en)

Safety and arming device with MEMS technology inertia lock

Title (de)

Sicherheits- und Zündvorrichtung mit Trägheitsschloss in MEMS-Technologien

Title (fr)

Dispositif de sécurité et d'armement à verrou inertiel de technologies MEMS

Publication

**EP 2402706 B1 20150225 (FR)**

Application

**EP 11290293 A 20110630**

Priority

FR 1002825 A 20100702

Abstract (en)

[origin: EP2402706A1] The device (1) has an inertial lock (20) incorporating a counterweight (9) with a straight groove (13) with longitudinal axis (22) that is parallel to direction of movement of the lock. A fixed guiding pin (14) integral with the device is positioned in the groove, where the groove comprises sufficient length to allow displacement of the counterweight with respect to the pin. A slider (4) is in its safety position and integral with a body (2) of the device by hooking units (12) integral with the counterweight, where the hooking units are constituted of hooks and spigots.

IPC 8 full level

**F42C 15/24** (2006.01); **F42C 15/26** (2006.01); **F42C 15/34** (2006.01)

CPC (source: EP US)

**F42C 15/24** (2013.01 - EP US); **F42C 15/26** (2013.01 - EP US); **F42C 15/34** (2013.01 - EP US)

Cited by

CN109297374A; CN109186344A; CN110132074A

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 2402706 A1 20120104**; **EP 2402706 B1 20150225**; ES 2533677 T3 20150414; FR 2962210 A1 20120106; PL 2402706 T3 20150731; US 2012000389 A1 20120105; US 8656837 B2 20140225

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