

Title (en)

Flight abort device for a missile

Title (de)

Flugabbruchvorrichtung für einen Flugkörper

Title (fr)

Dispositif d'arrêt de vol pour un corps volant

Publication

EP 2216619 A3 20140319 (DE)

Application

EP 10001071 A 20100203

Priority

DE 102009007731 A 20090205

Abstract (en)

[origin: EP2216619A2] The termination device has a drive device (3) for driving control surfaces (1) of a projectile using a transmission (2). An operative element (4) is actuated by a triggering device (6) and integrated in the transmission. The operative element has variable kinematic dimensions and is formed by a transmission element (20) of the transmission. The triggering device has an energy storage (5) i.e. elastic element, that is formed by a spring (50). The triggering device has a detachable locking device (60) for the energy storage. An independent claim is also included for a method for terminating flight of a projectile.

IPC 8 full level

F42B 10/64 (2006.01); **F42B 10/48** (2006.01)

CPC (source: EP)

F42B 10/48 (2013.01); **F42B 10/64** (2013.01)

Citation (search report)

- [X] US 3352513 A 19671114 - BAKER GEORGE W, et al
- [IA] DE 19635847 A1 19980312 - DAIMLER BENZ AEROSPACE AG [DE]
- [IA] GB 2260954 A 19930505 - DIEHL GMBH & CO [DE]

Cited by

WO2024039423A1

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2216619 A2 20100811; **EP 2216619 A3 20140319**; **EP 2216619 B1 20161214**; DE 102009007731 A1 20100819

DOCDB simple family (application)

EP 10001071 A 20100203; DE 102009007731 A 20090205