

Title (en)

Method for igniting a warhead of a grenade and vehicle

Title (de)

Verfahren zum Zünden eines Gefechtskopfs einer Granate und Fahrzeug

Title (fr)

Procédé d'allumage d'une tête militaire d'une grenade et véhicule

Publication

**EP 2226607 A3 20140402 (DE)**

Application

**EP 10001820 A 20100223**

Priority

DE 102009011447 A 20090303

Abstract (en)

[origin: EP2226607A2] The method involves calculating an ignition time for igniting a warhead (10), and adjusting a time fuse (4) to the time. A grenade (9) is shot to a target, and the time fuse is activated. A time period between the activation of the time fuse and a time point in which the grenade leaves a shooting pipe (7) is measured, and a time value is measured for determining a starting speed of the grenade during leaving of the grenade from the pipe. Another ignition time is calculated under usage of the measured time period and the starting speed. An independent claim is also included for a vehicle comprising a detection device.

IPC 8 full level

**F42C 11/06** (2006.01); **F42C 17/04** (2006.01)

CPC (source: EP)

**F42C 11/065** (2013.01); **F42C 17/04** (2013.01)

Citation (search report)

- [A] EP 0118122 A1 19840912 - DEUTSCH FRANZ FORSCH INST [FR]
- [A] DE 19601756 C1 20001228 - DIEHL STIFTUNG & CO [DE]
- [A] FR 2715221 A1 19950721 - DIEHL GMBH & CO [DE]

Cited by

EP2339285A3; US9488422B2; WO2014173679A1

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 2226607 A2 20100908; EP 2226607 A3 20140402; EP 2226607 B1 20150422**; DE 102009011447 A1 20100930;  
DE 102009011447 B4 20120119; DE 102009011447 B9 20120816; IL 204223 A 20140630

DOCDB simple family (application)

**EP 10001820 A 20100223**; DE 102009011447 A 20090303; IL 20422310 A 20100301