

Title (en)

Method and device for time setting and for correcting the ignition time in a projectile

Title (de)

Verfahren und Vorrichtung zur Tempierung und/oder Korrektur des Zündzeitpunktes eines Geschosses

Title (fr)

Méthode et dispositif pour programmer et corriger le moment de détonation d'un projectile

Publication

EP 1726911 A1 20061129 (DE)

Application

EP 06002014 A 20060201

Priority

DE 102005024179 A 20050523

Abstract (en)

Tempering and/or correcting the ignition time of a shell fired from a weapon (10), comprises measuring the actual shell speed and calculating the speed of the shell (2) in the barrel of the weapon. The ignition point is then adjusted and/or corrected based on the calculated speed. The actual speed is measured using the Doppler effect.

IPC 8 full level

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

CPC (source: EP US)

F42C 11/065 (2013.01 - EP US); **F42C 17/04** (2013.01 - EP US)

Citation (applicant)

- CH 691143 A5 20010430 - CONTRAVES AG [CH]
- US 6484115 B1 20021119 - FREYMOND PIERRE H [CH], et al
- US 4267776 A 19810519 - EICKERMAN CURTIS L

Citation (search report)

- [X] US 6484115 B1 20021119 - FREYMOND PIERRE H [CH], et al
- [X] US 4267776 A 19810519 - EICKERMAN CURTIS L
- [X] DE 3835655 A1 19900426 - ASEA BROWN BOVERI [DE]
- [DX] DE 3835656 A1 19900426 - ASEA BROWN BOVERI [DE]
- [X] DE 3309147 A1 19840920 - BERTHOLD RAINER DIPL PHYS [DE]

Cited by

DE102010006528B4; DE102010006530B4; EP2261591A1; DE102009011447B9; WO2008098562A1; DE102009024508A1; US8288698B2; WO2011092022A1; DE102010006528A1; US8746119B2; WO2011092023A1; DE102010006530A1; US8984999B2; WO2011085758A1; DE102010004820A1; US8558151B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1726911 A1 20061129; EP 1726911 B1 20110420; AT E506594 T1 20110515; CA 2545300 A1 20061123; DE 102005024179 A1 20061130; DE 502006009327 D1 20110601; DK 1726911 T3 20110801; ES 2365039 T3 20110921; JP 2006329616 A 20061207; JP 5005954 B2 20120822; US 2007074625 A1 20070405; ZA 200604101 B 20070228

DOCDB simple family (application)

EP 06002014 A 20060201; AT 06002014 T 20060201; CA 2545300 A 20060428; DE 102005024179 A 20050523; DE 502006009327 T 20060201; DK 06002014 T 20060201; ES 06002014 T 20060201; JP 2006140346 A 20060519; US 43632706 A 20060518; ZA 200604101 A 20060522