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
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- [X] DE 3835655 A1 19900426 - ASEA BROWN BOVERI [DE]
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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