Title (en)

Method for guiding and/or steering a projectile and apparatus for guiding and/or steering with means for carrying out this method

Title (de)

Verfahren zur Lenkung und/oder Führung eines Geschosses und Vorrichtung zur Lenkung und/oder Führung mit Mitteln zur Durchführung dieses Verfahrens

Title (fr)

Procédé de guidage et/ou de pilotage d'un projectile et dispositif de guidage et/ou de pilotage mettant en oeuvre un tel procédé

Publication

EP 1617165 A1 20060118 (FR)

Application

EP 05291446 A 20050705

Priority

FR 0407773 A 20040712

Abstract (en)

The process involves determining orientation of speed vector of a projectile (1) and applying a control law and a control algorithm for re-orienting the projectile towards its target (12). Three components of terrestrial magnetic field in a reference mark of the projectile is measured and utilized in the control law and algorithm as fixed reference mark for orienting the reference mark with respect to a terrestrial reference mark. An independent claim is also included for a device for guiding and/or steering a projectile towards a target.

IPC 8 full level

F41G 7/22 (2006.01)

CPC (source: EP US)

F41G 7/2253 (2013.01 - EP US); **F41G 7/226** (2013.01 - EP US); **F41G 7/2293** (2013.01 - EP US)

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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

DOCDB simple family (publication)

EP 1617165 A1 20060118; FR 2872928 A1 20060113; FR 2872928 B1 20060915; US 2006289694 A1 20061228; US 7500636 B2 20090310

DOCDB simple family (application)

EP 05291446 A 20050705; FR 0407773 A 20040712; US 17847005 A 20050712