

Title (en)

OPTICAL DEVICE UTILIZING BALLISTIC ZOOM AND METHODS FOR SIGHTING A TARGET

Title (de)

OPTISCHE VORRICHTUNG MIT BALLISTISCHEM ZOOM UND VERFAHREN ZUR ANVISIERUNG EINES ZIELS

Title (fr)

DISPOSITIF OPTIQUE UTILISANT UN ZOOM BALISTIQUE ET PROCÉDÉS PERMETTANT DE VISER UNE CIBLE

Publication

EP 3102905 A2 20161214 (EN)

Application

EP 15742132 A 20150204

Priority

- US 201414175803 A 20140207
- US 2015014424 W 20150204

Abstract (en)

[origin: WO2015156899A2] A method of sighting a target includes receiving an initial condition of an optical device. The initial condition includes a size of a ranging element and a range associated with the size of the ranging element. The method further includes receiving a ballistic information and receiving an image from an imaging sensor. At least a portion of the image is displayed on a display. The ranging element is overlaid on the displayed portion of the image. A first zoom input is received to set a first zoom value that corresponds to a first distance from the optical device. The method also includes determining a first projectile position based on the first distance and the ballistic information.

IPC 8 full level

F41G 3/06 (2006.01); **F41G 3/16** (2006.01)

CPC (source: CN EP KR RU)

F41G 1/38 (2013.01 - CN KR); **F41G 1/473** (2013.01 - CN); **F41G 3/06** (2013.01 - EP KR RU); **F41G 3/08** (2013.01 - KR); **F41G 3/165** (2013.01 - EP KR)

Citation (examination)

US 2013228618 A1 20130905 - MILLETT JAMES ALLEN [US]

Cited by

US11454473B2; US10907934B2; US11287218B2; US11725908B2

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015156899 A2 20151015; WO 2015156899 A3 20151203; CN 106062501 A 20161026; CN 106062501 B 20180925; EP 3102905 A2 20161214; JP 2017509858 A 20170406; JP 6643254 B2 20200212; KR 20160127350 A 20161103; PH 12016501424 A1 20160815; PH 12016501424 B1 20160815; PH 12018500991 A1 20190128; RU 2016130091 A 20180315; RU 2016130091 A3 20180626; RU 2674720 C2 20181212; TW 201541054 A 20151101; TW I649533 B 20190201

DOCDB simple family (application)

US 2015014424 W 20150204; CN 201580007545 A 20150204; EP 15742132 A 20150204; JP 2016568464 A 20150204; KR 20167024656 A 20150204; PH 12016501424 A 20160719; PH 12018500991 A 20180508; RU 2016130091 A 20150204; TW 104104108 A 20150206