

Title (en)

METHOD FOR SIMULATING SHOTS OUT OF DIRECT SIGHT AND SHOT SIMULATOR FOR IMPLEMENTING SAID METHOD

Title (de)

VERFAHREN ZUR SIMULATION VON SCHÜSSEN OHNE DIREKTE SICHT UND SCHUSSSIMULATOR ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE SIMULATION DE TIRS AU-DELA DE LA VUE DIRECTE ET SIMULATEUR DE TIRS APTE A METTRE EN OEUVRE LE PROCEDE

Publication

**EP 2643830 A2 20131002 (FR)**

Application

**EP 11776469 A 20111102**

Priority

- FR 1059780 A 20101126
- EP 2011069259 W 20111102

Abstract (en)

[origin: WO2012069294A2] The invention relates to a method for simulating shots at a target (22), using a simulation weapon, during a combat training simulation. According to the invention, the target is located out of the direct sight of the shooter or beyond the maximum distance authorised by the technology used to carry out said shot simulation. A processing unit (17) of the shot simulator comprises means for producing, in real time, an imaginary shot trajectory of a ballistic behaviour of the simulated projectile in order to reach the designated target. The processing unit (17) displays, on an eyeglass (14) of the simulation weapon, a succession of simulation images representing the simulated projectile following the trajectory produced. The processing unit (17) can also deduce, from the trajectory produced, the destroyed character of the target, by comparing the point of impact of the simulated projectile in relation to the position of the target (22).

IPC 8 full level

**G09B 9/00** (2006.01); **F41G 3/26** (2006.01)

CPC (source: EP)

**F41G 3/2644** (2013.01); **G09B 9/00** (2013.01)

Citation (search report)

See references of WO 2012069294A2

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

DOCDB simple family (publication)

**WO 2012069294 A2 20120531**; **WO 2012069294 A3 20120823**; EP 2643830 A2 20131002; FR 2968113 A1 20120601; FR 2968113 B1 20121228

DOCDB simple family (application)

**EP 2011069259 W 20111102**; EP 11776469 A 20111102; FR 1059780 A 20101126