

Title (en)
POINTING DEVICE FOR A WEAPON SYSTEM COMPRISING A WEAPON SECURED TO A FRAME AND METHOD IMPLEMENTING SUCH A DEVICE

Title (de)
ZIELVORRICHTUNG FÜR EIN WAFFENSYSTEM, DIE EINE AN EINEM RAHMEN BEFESTIGTE WAFFE UMFASST, UND VERFAHREN ZUR VERWENDUNG EINER SOLCHEN VORRICHTUNG

Title (fr)
DISPOSITIF DE POINTAGE POUR UN SYSTÈME D'ARME COMPRENANT UNE ARME SOLIDAIRE D'UN CHÂSSIS ET PROCÉDÉ METTANT EN OEUVRE UN TEL DISPOSITIF

Publication
EP 3929522 B1 20230215 (FR)

Application
EP 21176007 A 20210526

Priority
FR 2006650 A 20200626

Abstract (en)
[origin: US2022074698A1] An aiming method for a weapon system including a weapon secured to a chassis, as well as an aiming device implementing such a method. The weapon system includes a computer having in an internal memory a nominal firing profile defined by the extreme elevation and relative bearing aiming instructions that are possible for the weapon, in the reference frame associated with the chassis, when the latter is in a firing position on a horizontal ground. The boundaries of the nominal firing profile are converted so as to determine a transformed firing profile which is delimited by the extreme directions of fire that are possible in the reference frame of the chassis when the latter is in the firing position on the field, and finally the operating firing profile is determined for the aiming, which is defined as the geometric intersection of the nominal firing profile and the transformed firing profile.

IPC 8 full level
F41A 23/56 (2006.01); **F41G 5/16** (2006.01); **F41G 5/24** (2006.01)

CPC (source: EP IL US)
F41A 23/00 (2013.01 - EP IL); **F41A 23/56** (2013.01 - EP IL); **F41A 27/06** (2013.01 - EP IL); **F41A 27/22** (2013.01 - US); **F41A 27/24** (2013.01 - US); **F41A 27/30** (2013.01 - US); **F41G 5/16** (2013.01 - EP); **F41G 5/24** (2013.01 - EP)

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)
EP 3929522 A1 20211229; EP 3929522 B1 20230215; DK 3929522 T3 20230508; FR 3111978 A1 20211231; FR 3111978 B1 20220701; IL 284297 A 20220101; IL 284297 B1 20240901; PL 3929522 T3 20230313; SI 3929522 T1 20230630; US 11493300 B2 20221108; US 2022074698 A1 20220310

DOCDB simple family (application)
EP 21176007 A 20210526; DK 21176007 T 20210526; FR 2006650 A 20200626; IL 28429721 A 20210622; PL 21176007 T 20210526; SI 202130024 T 20210526; US 202117356405 A 20210623