

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)

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