

Title (en)

ALIGNMENT PROCESS FOR GUN FIRE CONTROL DEVICE AND GUN FIRE CONTROL DEVICE FOR IMPLEMENTATION OF THE PROCESS

Publication

EP 0314721 B1 19930908 (DE)

Application

EP 88903826 A 19880502

Priority

CH 188187 A 19870515

Abstract (en)

[origin: WO8808952A1] A process and a device for detecting and correcting errors of alignment between gun fire control devices and weapons installations have the following characteristics: target measurement sensors (B) are arranged on guns (G3) with servo-controlled carriages and the line of sight of the measurement sensor is aligned with the line of fire of the gun; the guns, together with their target measurement sensor are aligned on a common measurement target (Z) by a target tracking device (T2); the difference between the position of the measurement target and the position of the line of sight of the target measurement sensor is recorded in the target measurement sensor of the gun controlled by the target tracking device; this difference is evaluated and taken into account by the servo-control of the gun in the correction of control signals emitted during firing.

IPC 1-7

F41G 3/32; **F41G 5/26**

IPC 8 full level

F41G 3/32 (2006.01); **F41G 5/26** (2006.01)

CPC (source: EP KR US)

F41G 3/32 (2013.01 - KR); **F41G 3/323** (2013.01 - EP US); **F41G 5/26** (2013.01 - EP US)

Cited by

EP1152206A1; EP0577017B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 8808952 A1 19881117; AU 1688388 A 19881206; AU 605591 B2 19910117; DE 3883916 D1 19931014; EP 0314721 A1 19890510; EP 0314721 B1 19930908; KR 890701975 A 19891222; KR 960014641 B1 19961019; TR 27014 A 19940915; US 5208418 A 19930504

DOCDB simple family (application)

EP 8800365 W 19880502; AU 1688388 A 19880502; DE 3883916 T 19880502; EP 88903826 A 19880502; KR 890700066 A 19890114; TR 29688 A 19880421; US 29448988 A 19881209