

Title (en)

Firing control system with compensation of aiming errors.

Title (de)

Feuerleitanlage mit Kompensierung der Richtfehler.

Title (fr)

Installation de conduite de tir à compensation des erreurs de pointage.

Publication

EP 0356303 B1 19940216 (FR)

Application

EP 89402251 A 19890809

Priority

FR 8810862 A 19880812

Abstract (en)

[origin: US4922801A] A fire control system for a weapon having an operator-aimed barrel comprises a sighting piece carried by the barrel and having a reticle adjustable in position with respect to the bore axis of the barrel. A camera fast with the barrel has a field coaxial with the bore axis. The apparent movement of the target in the field of the camera is measured as well as the angular movements of the barrel by the operator. The position to be given to the reticle is computed from variations of the aiming direction of the barrel and from the apparent movement and the position of the reticle is consequently adjusted. The reticle may consist of a LCD.

IPC 1-7

F41G 3/06; **F41G 5/08**

IPC 8 full level

F41G 3/06 (2006.01); **F41G 5/08** (2006.01)

CPC (source: EP US)

F41G 3/06 (2013.01 - EP US); **F41G 5/08** (2013.01 - EP US)

Cited by

FR2681144A1; WO9851987A1

Designated contracting state (EPC)

CH DE ES GB IT LI NL SE

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EP 0356303 A1 19900228; **EP 0356303 B1 19940216**; DE 68913101 D1 19940324; DE 68913101 T2 19940526; ES 2051378 T3 19940616; FI 893773 A0 19890810; FI 893773 A 19900213; FI 94671 B 19950630; FI 94671 C 19951010; FR 2635379 A1 19900216; FR 2635379 B1 19931112; US 4922801 A 19900508

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EP 89402251 A 19890809; DE 68913101 T 19890809; ES 89402251 T 19890809; FI 893773 A 19890810; FR 8810862 A 19880812; US 38777189 A 19890801