

Title (en)

DEVICE FOR CARRYING OUT DYNAMIC COMPARATIVE MEASUREMENTS IN A FIRE CONTROL SYSTEM FOR A DIRECTED WEAPON

Publication

EP 0179387 B1 19920122 (DE)

Application

EP 85113062 A 19851015

Priority

DE 3439082 A 19841025

Abstract (en)

[origin: EP0179387A2] The device is intended especially for combat tanks. A collimator (7), permanently connected to the weapon (1), is used to produce a light beam emanating from an optical test target. The collimator (7) is arranged in front of the lens of the sighting device (6) in such a way that the light beam impinges on a position-sensitive, optoelectronic measuring sensor (8) arranged in the image plane in front of the eyepiece of the sighting device (6). The measuring sensor is connected via an electronic evaluating device (9) to an evaluating computer (10). A predetermined directing signal is generated by a program-control device (12) by means of a multifunction generator (13) and fed to the fire control system (4). The evaluating computer (10) is connected to the fire control system (4). In the evaluating computer (10), predetermined primary set values of the fire control and directing data are on the one hand compared with secondary set values determined by the fire control system and fed to the evaluating computer (10) and on the other hand with actual values concerning the position of the weapon (1), supplied by the measuring sensor (8). <IMAGE>

IPC 1-7

F41G 3/32

IPC 8 full level

F41G 3/32 (2006.01)

CPC (source: EP)

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Cited by

FR2827668A1; FR2824896A1; FR2827667A1; EP1460370A1; EP1329683A1; US6941851B2; US7110101B2; WO03008893A1; US6935218B2; US6886448B2; WO02093101A1; WO03008894A1

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