

Title (en)

DEVICE FOR CONTROLLING THE BORE SIGHTING OF A VARIABLE FIELD GUIDANCE SYSTEM WITH RESPECT TO A SIGHTING TELESCOPE

Publication

**EP 0228734 B1 19910313 (FR)**

Application

**EP 86202171 A 19861204**

Priority

FR 8518467 A 19851213

Abstract (en)

[origin: US4741618A] Device for stabilizing the axis (11) of a variable field guidance system with respect to the axis (2) of a sighting device (1) in which the sight axis (2) is adjusted until it is perpendicular to a plane-parallel plate (3) forming an optical reference element. An angular movement of the guidance axis (11) is registered by an error measuring device having an aperture (13) which is arranged symmetrically to the optical center (9) of the guidance system with respect to a further plane-parallel plate (15) and a detector (14) which receives the flux from the guidance beam transmitter after successive reflections from the plane-parallel plates (3 and 15). The detector (14) is connected to the input of an error measuring receiver (16) which supplies an error signal which is applied to a correction element (17) in the guidance beam path.

IPC 1-7

**F41G 3/32**; **F41G 7/26**

IPC 8 full level

**G05D 3/12** (2006.01); **F41G 3/32** (2006.01); **F41G 7/26** (2006.01); **F42B 15/01** (2006.01)

CPC (source: EP US)

**F41G 3/326** (2013.01 - EP US); **F41G 7/263** (2013.01 - EP US)

Cited by

EP0253106A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0228734 A1 19870715**; **EP 0228734 B1 19910313**; DE 3678128 D1 19910418; FR 2591767 A1 19870619; FR 2591767 B1 19880219; JP S62140118 A 19870623; US 4741618 A 19880503

DOCDB simple family (application)

**EP 86202171 A 19861204**; DE 3678128 T 19861204; FR 8518467 A 19851213; JP 29650386 A 19861212; US 93958686 A 19861209