Title (en)
MISSILE QUIDANCE SYSTEM BY MEANS OF AN OPTICAL BEAM

Publication
EP 0033279 B1 19861105 (FR)

Application
EP 81400103 A 19810126

Priority
FR 8001840 A 19800129

Abstract (en)
[origin: US4408734A] System for guiding a missile, comprising a source emitting a light beam of which the axis defines the direction of sight, at least one modulation sight placed in the path of the beam, means for producing a relative movement of rotation between the sight and the beam, and on the missile, at least one detector and a calculating circuit for determining, from the output signal from the detector, the coordinates of the detector with respect to the direction of sight. The control surfaces of the missile are actuated as a function of said coordinates with a view to controlling the path of the missile on the direction of sight. The modulation sight comprises transparent and opaque, and possibly semi-transparent sectors, defined by curves symmetrical with respect to the center of the sight, at least certain of these curves having for equation f

IPC 1-7
F41G 7/26; G01S 3/78; G05F 1/00

IPC 8 full level
F41G 7/26 (2006.01)

CPC (source: EP US)
F41G 7/26 (2013.01 - EP US)

Citation (examination)
Livre de C. Lebasse IC. Héméry "Géométrie" (1962), éd. Fernand Nathan, page 214

Designated contracting state (EPC)
DE GB IT NL

DOCDB simple family (publication)
EP 0033279 A1 19810805; **EP 0033279 B1 19861105**; DE 3175568 D1 19861211; FR 2474681 A1 19810731; FR 2474681 B1 19831223; US 4408734 A 19831011

DOCDB simple family (application)
EP 81400103 A 19810126; DE 3175568 T 19810126; FR 8001840 A 19800129; US 22781881 A 19810123