

Title (en)
LASER DEVICE FOR GUIDING A MISSILE ON A TARGET

Publication
EP 0151480 A3 19850911 (FR)

Application
EP 85101158 A 19850205

Priority
FR 8401842 A 19840207

Abstract (en)
[origin: US4634271A] A laser device for guiding a missile to a target such as an enemy tank, includes a laser transmitter (1) which transmits radiation (2) which is received by a modulator (30) capable of delivering two distinct pulsed beams (51, 52) in response thereto. The first beam (51) is directed to a missile (7) to measure the angle and the distance of the missile and to convey piloting instructions thereto by modulation of said pulses, and the second beam (52) is directed towards a target (55) by a reflector (54) mounted on an aiming sight (22) in order to measure the distance to the target. The device further includes a computer (28) for determining the trajectory to be followed by the missile towards the target on the basis of the distances to the missile and to the target and on the basis of the angle between said distances.

IPC 1-7
F41G 7/30

IPC 8 full level
F41G 7/30 (2006.01)

CPC (source: EP US)
F41G 7/30 (2013.01 - EP US)

Citation (search report)
• [A] FR 2319871 A1 19770225 - PRECITRONIC [DE]
• [A] FR 2109488 A5 19720526 - TELECOMMUNICATIONS SA
• [A] FR 2444281 A1 19800711 - DIEHL GMBH & CO [DE]

Cited by
US2016195365A1; US9739571B2; FR2627269A1; US5102065A; WO8907744A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0151480 A2 19850814; EP 0151480 A3 19850911; EP 0151480 B1 19880921; DE 3565177 D1 19881027; FR 2559252 A2 19850809; FR 2559252 B2 19861205; US 4634271 A 19870106

DOCDB simple family (application)
EP 85101158 A 19850205; DE 3565177 T 19850205; FR 8401842 A 19840207; US 69938085 A 19850207