

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

Publication
EP 0151480 B1 19880921 (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 (examination)
FR 2525339 A1 19831021 - CILAS ALCATEL [FR]

Cited by
US2016195365A1; US9739571B2; FR2627269A1; US5102065A; WO8907744A1

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