

Title (en)
DEVICE FOR SIGHTING, RECOGNISING AND TRACKING A TARGET

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EP 0165170 A3 19871202 (FR)

Application
EP 85401099 A 19850604

Priority
FR 8409391 A 19840615

Abstract (en)
[origin: ES8700752A1] The assembly comprises a laser emitter (100), localization means (200) for providing data on the angle between a target and a projectile, an aiming block (300) enabling an operator to aim at the target optically, and collimator means (400) enabling the operator to center the target in the field of view. In accordance with the invention, harmonization means (500), e.g. a crossed-prism deflector (501, 502) interposed between the collimator means and the aiming block, are provided to adjust the angular orientation of the collimation direction in such a manner as to cause said direction (O7 D7) to coincide with the reference (A2 B2) or aiming (A1 B1, C1 D1) direction, i.e. with the direction corresponding to the real aiming and designation direction to the target, and also with the localization direction (J3 K3), i.e. the direction in which the localization means sees the designated target.

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IPC 8 full level
F41G 3/06 (2006.01); **F41G 3/14** (2006.01); **F41G 3/32** (2006.01)

CPC (source: EP US)
F41G 3/065 (2013.01 - EP US); **F41G 3/145** (2013.01 - EP US); **F41G 3/326** (2013.01 - EP US)

Citation (search report)

- [Y] FR 2353871 A1 19771230 - ELTRO GMBH [DE]
- [Y] US 4422758 A 19831227 - GODFREY THOMAS E [US], et al
- [A] DE 2751086 A1 19790517 - KRAUSS MAFFEI AG
- [AD] EP 0033679 A1 19810812 - THOMSON CSF [FR]
- [A] FR 2368042 A1 19780512 - SFIM [FR]

Cited by
AT407202B; FR2602347A1; EP0422351A1; EP0499678A1; EP0262606A3; FR2661518A1; EP0601870A1; EP0709705A3; EP2151661A1; FR2700620A1; EP0441079A3; FR2656079A1; US5204489A; US5339720A; FR2746514A1; NL1005604C2; GB2241312A; GB2241312B; GB2174862A; GB2174862B; US6583862B1

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