

Title (en)

Telescopic sight and method for compensating for bullet trajectory deviations

Title (de)

Zielfernrohr und Verfahren zur Kompensation der Flugbahnabweichung eines Geschosses

Title (fr)

Visée télescopique et procédé de compensation des déviations de trajectoire de balles

Publication

EP 1804017 A1 20070704 (EN)

Application

EP 06025461 A 20061208

Priority

US 32372205 A 20051230

Abstract (en)

A telescopic sight assembly (100) operable to compensate for deviations in projectile trajectory is disclosed. The assembly (100) generally includes a telescopic sight (102) and a plurality of dials (104). The telescopic sight (102) includes a laser range finder (106) for determining a range to a target and an adjustment element (110) for adjusting a reticle (108) position. Each dial corresponds to a projectile characteristic, such as a projectile caliber or one of a plurality of ballistic curves, and may be interchangeably coupled with the adjustment element (110) to facilitate projectile drop compensation.

IPC 8 full level

F41G 1/38 (2006.01); **F41G 1/473** (2006.01)

CPC (source: EP)

F41G 1/38 (2013.01); **F41G 1/473** (2013.01); **F41G 3/06** (2013.01); **F41G 3/08** (2013.01)

Citation (applicant)

- US 6269581 B1 20010807 - GROH JOHN [US]
- US 3990155 A 19761109 - AKIN JR ALFRED A, et al

Citation (search report)

- [DY] US 3990155 A 19761109 - AKIN JR ALFRED A, et al
- [DY] US 6269581 B1 20010807 - GROH JOHN [US]
- [A] US 2105564 A 19380118
- [A] US 3826012 A 19740730 - PACHMAYR F
- [A] FR 2844043 A1 20040305 - DIDIER STEPHANE [FR]
- [A] US 2004231220 A1 20041125 - MCCORMICK PATRICK [US]

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Designated extension state (EPC)

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