

Title (en)
Improved sight system for a weapon

Title (de)
Verbesserte Sichteinrichtung für eine Waffe

Title (fr)
Système de visée amélioré pour une arme

Publication
EP 1762811 A1 20070314 (FR)

Application
EP 06076433 A 20060717

Priority
BE 200500436 A 20050912

Abstract (en)
The sighting system consists of a single luminous indicator (6), a sight (7) with an alignment slot (8) having a lengthwise reference plane parallel to the axis (Y-Y') of the gun barrel, an inclinometer to measure the gun's elevation, and a ballistic calculator (9) connected to the indicator. The inclinometer calculates the required inclination according to the distance of the target, measured by a range finder (10) while the indicator emits a coloured light, preferably red and changing to green when the measured angle of elevation corresponds to the calculated angle.

IPC 8 full level
F41G 1/34 (2006.01); **F41G 1/44** (2006.01); **F41G 1/48** (2006.01); **F41G 1/52** (2006.01)

CPC (source: EP US)
F41G 1/34 (2013.01 - EP US); **F41G 1/44** (2013.01 - EP US); **F41G 1/48** (2013.01 - EP US); **F41G 1/52** (2013.01 - EP US);
F41G 3/06 (2013.01 - EP US)

Citation (applicant)
• US 6568118 B1 20030527 - TEETZEL JAMES W [US]
• US 3604137 A 19710914 - SILSBY STANLEY D
• EP 0785406 A2 19970723 - HUGHES AIRCRAFT CO [US]

Citation (search report)
• [DA] US 6568118 B1 20030527 - TEETZEL JAMES W [US]
• [DA] EP 0785406 A2 19970723 - HUGHES AIRCRAFT CO [US]
• [DA] WO 9641998 A2 19961227 - TEETZEL JAMES W [US]
• [A] US 2002092224 A1 20020718 - WEICHERT BERTHOLD [DE], et al

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ITTV20100099A1; ITTV20100060A1; EA023656B1; US9038900B2; US9557140B2; WO2009092673A1; WO2012007825A1; WO2011128762A1; US11486677B2

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EP 1762811 A1 20070314; BE 1016761 A3 20070605; US 2007056203 A1 20070315; US 7797873 B2 20100921

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EP 06076433 A 20060717; BE 200500436 A 20050912; US 51503906 A 20060905