

Title (en)
DUAL FOCAL PLANE RETICLES FOR OPTICAL SIGHTING DEVICES

Title (de)
RETIKEL MIT DOPPELFOKUSEBENE FÜR OPTISCHE VISIERVORRICHTUNGEN

Title (fr)
RÉTICULES À DOUBLE PLAN FOCAL POUR DISPOSITIFS DE VISÉE OPTIQUES

Publication
EP 3875885 A1 20210908 (EN)

Application
EP 21171283 A 20160615

Priority

- US 201514742415 A 20150617
- EP 16812319 A 20160615
- US 2016037594 W 20160615

Abstract (en)
An optical sighting device (10) comprises a body (12) with first and second ends (40, 50), and an objective lens system (16), an eyepiece lens and an erector lens system (25) within the body. The objective lens system, eyepiece lens, and erector lens system form an optical system having a first focal plane. The device also comprises a first reticle (60) at the first focal plane. An electronic reticle (70) is placed on the same focal plane as the first reticle, and is configured to selectively display one of at least two marking patterns: (a) a series of drop dots or other hold over aiming points or angular markings corresponding to a supersonic pattern and/or (b) a series of drop dots or other hold over aiming points or angular markings corresponding to a subsonic pattern. The first reticle comprises at least one display pattern selected from a cross hair, a series of hash marks and combinations thereof.

IPC 8 full level
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CPC (source: CN EP)
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Citation (applicant)

- US 7804643 B2 20100928 - MENGES DIETMAR [AT], et al
- US 2013033746 A1 20130207 - BRUMFIELD RICHARD B [US]

Citation (search report)

- [XYI] US 2010301116 A1 20101202 - BENNETTS STEVEN ANTHONY [US], et al
- [Y] WO 2013106280 A1 20130718 - SAMMUT DENNIS [US], et al
- [A] US 2014373424 A1 20141225 - SILVERS ROBERT [US], et al

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