

Title (en)

AIMING SCOPE WITH ILLUMINATED SIGHTS AND THERMAL IMAGING CAMERA

Title (de)

ZIELFERNROHR MIT BELEUCHTETEM VISIER UND WÄRMEBILDGEBUNGSKAMERA

Title (fr)

LUNETTE DE TIR À VISEUR CLAIR ET CAMÉRA THERMIQUE

Publication

**EP 3649425 B1 20220601 (FR)**

Application

**EP 18733916 A 20180703**

Priority

- FR 1700722 A 20170706
- EP 2018067976 W 20180703

Abstract (en)

[origin: WO2019007973A1] The general field of the invention is that of sighting or spotting scopes including, in a single mechanical structure (80), a camera (10) and a video microdisplay (50) in association with an eyepiece (60). The eyepiece of the scope according to the invention includes an optical combiner (70) that is arranged so as to superpose the image of the video microdisplay over the outside landscape. In one variant, the scope includes a luminous symbol or dot (95) and an optical device (90) that is arranged to superpose the image of said luminous symbol or dot over said image of the video microdisplay and over the outside landscape. The optical chain consisting of the camera, the microdisplay and the eyepiece has a magnification of one, the image of the microdisplay conforming to that of the outside landscape.

IPC 8 full level

**F41G 1/34** (2006.01)

CPC (source: EP)

**F41G 1/34** (2013.01)

Citation (examination)

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DOCDB simple family (publication)

**WO 2019007973 A1 20190110**; AU 2018297577 A1 20200227; AU 2018297577 B2 20240104; CA 3068772 A1 20190110; CN 110832266 A 20200221; EP 3649425 A1 20200513; EP 3649425 B1 20220601; FR 3068776 A1 20190111; FR 3068776 B1 20201002; JP 2020525849 A 20200827; JP 2023164827 A 20231114; JP 7393951 B2 20231207; SG 11202000034X A 20200227

DOCDB simple family (application)

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