

Title (en)
NIGHT VIEWER AND LASER RANGE FINDER

Title (de)
NACHTSICHTGERÄT UND LASERSUCHER

Title (fr)
DISPOSITIF DE VISION NOCTURNE ET TELEMETRE A LASER

Publication
EP 1095516 A1 20010502 (EN)

Application
EP 99952140 A 19990517

Priority
• US 9911093 W 19990517
• US 8043798 A 19980518

Abstract (en)
[origin: WO9960787A1] An integrated night vision device and laser range finder (10) provides both night-time and day-time imaging of a scene by use of an image intensifier tube (14), as well as providing laser range finding operations both day and night. In a laser range finder mode of operation the device (10) projects a pulse of laser light into a scene being viewed, and a power supply and laser range finder circuit (62) of the device (10) temporarily utilizes the image intensifier tube (14) as a sensor to detect reflected laser light. During laser range finding, imaging is cut off for a very short time interval, and a pre-amplifier circuit (66b) associated with the image intensifier tube (10) provides an electrical output signal in response to receipt of laser light reflected from an object in the scene.

IPC 1-7
H04N 7/00; **G01C 3/08**; **G02B 5/30**

IPC 8 full level
G01C 3/04 (2006.01); **G01C 3/08** (2006.01); **G01C 15/00** (2006.01); **G02B 23/12** (2006.01); **H01J 31/50** (2006.01); **H04N 5/33** (2006.01)

CPC (source: EP)
G01C 3/04 (2013.01); **G01C 3/08** (2013.01); **G01C 15/002** (2013.01); **G02B 23/12** (2013.01); **H01J 31/507** (2013.01); **H04N 5/33** (2013.01)

Designated contracting state (EPC)
FR GB

DOCDB simple family (publication)
WO 9960787 A1 19991125; CA 2331424 A1 19991125; CA 2331424 C 20040323; EP 1095516 A1 20010502; EP 1095516 A4 20050622; IL 138684 A0 20011031; IL 138684 A 20040831; IL 158515 A 20080605

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US 9911093 W 19990517; CA 2331424 A 19990517; EP 99952140 A 19990517; IL 13868499 A 19990517; IL 15851503 A 20031020