

Title (en)

APPARATUS AND METHOD FOR RECOGNIZING AND LOCATING OPTICAL TWO-WAY OBSERVATION SYSTEMS

Title (de)

EINRICHTUNG UND VERFAHREN ZUR ERKENNUNG UND LOKALISIERUNG VON SYSTEMEN ZUR OPTISCHEN GEGENBEOBACHTUNG

Title (fr)

DISPOSITIF ET PROCEDE POUR IDENTIFIER ET LOCALISER DES SYSTEMES DE CONTRE-OBSERVATION OPTIQUE

Publication

**EP 1805531 A1 20070711 (DE)**

Application

**EP 05812717 A 20051018**

Priority

- DE 2005001854 W 20051018
- DE 102004052849 A 20041029

Abstract (en)

[origin: WO2006045271A1] The aim of the invention is to improve an apparatus for recognizing and locating optical two-way observation systems in such a way that the same is easier to operate and can be produced with less adjusting effort and thus in a less expensive manner while obtaining greater reproducibility of object recognition and greater detection probability for the systems, independently of the prevailing lighting conditions. Said aim is achieved by providing a transmission channel comprising a beam deflecting device that directs a detection beam across a viewable target area which is defined by the visual field of an optical viewing device at a constant angular velocity and a given repetition frequency and from which reflected radiation is directed onto at least one planar receiver in a reception channel.

IPC 8 full level

**F41G 1/35** (2006.01); **G01S 17/04** (2020.01); **G01S 17/89** (2020.01); **G02B 23/10** (2006.01); **G02B 23/12** (2006.01)

CPC (source: EP US)

**G01S 17/04** (2020.01 - EP); **G01S 17/89** (2013.01 - EP US); **G02B 23/12** (2013.01 - EP); **G02B 26/0875** (2013.01 - EP US); **G02B 26/10** (2013.01 - EP)

Citation (search report)

See references of WO 2006045271A1

Citation (examination)

FR 2736731 A1 19970117 - MATRA DEFENSE [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102004052849 A1 20060504**; EP 1805531 A1 20070711; WO 2006045271 A1 20060504

DOCDB simple family (application)

**DE 102004052849 A 20041029**; DE 2005001854 W 20051018; EP 05812717 A 20051018