

Title (en)

DEVICE FOR PROTECTING OBJECTS AGAINST AMMUNITION IN THE FORM OF GUIDED MISSILES

Title (de)

EINRICHTUNG ZUM SCHUTZ VON OBJEKTEN GEGEN ALS LENKFLUGKÖRPER AUSGEBILDETE MUNITIONEN

Title (fr)

DISPOSITIF POUR PROTÉGER DES OBJETS CONTRE DES MUNITIONS EN FORME DE PROJECTILES GUIDÉS

Publication

EP 1549899 A1 20050706 (DE)

Application

EP 03773477 A 20031001

Priority

- DE 0303271 W 20031001
- DE 10247350 A 20021010

Abstract (en)

[origin: WO2004036138A1] The invention relates to a device for protecting objects against ammunition in the form of guided missiles, said device comprising warning sensors (1) for detecting an approaching missile and active elements (2, 3a) for repelling the missile. The sensors (1) and the active elements (2, 3a) are arranged on a common appliance carrier (5) which can be arranged or mounted on the object to be protected. Preferably, a plurality of sensors (1) are arranged on the appliance carrier (5), and firing devices (3a) which can be at least upwardly oriented and are used to fire active elements are arranged in the region beneath the warning sensors. A unit (2) of electronic/electro-optical active elements can be arranged on the appliance carrier (5) in the region above the warning sensors (1) in such a way that it can at least be oriented in an azimuth direction angle.

IPC 1-7

F41F 1/08; **F41H 11/02**; **F41A 23/20**; **F41A 27/14**

IPC 8 full level

F41A 23/20 (2006.01); **F41A 27/14** (2006.01); **F41F 1/08** (2006.01); **F41H 11/02** (2006.01)

CPC (source: EP US)

F41A 23/20 (2013.01 - EP US); **F41A 27/14** (2013.01 - EP US); **F41F 1/085** (2013.01 - EP US); **F41H 11/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2004036138A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004036138 A1 20040429; AT E372497 T1 20070915; CA 2501374 A1 20040429; DE 10247350 A1 20040422; DE 50308132 D1 20071018; EP 1549899 A1 20050706; EP 1549899 B1 20070905; ES 2291706 T3 20080301; IL 167846 A 20100415; NO 20052256 L 20050509; NO 330449 B1 20110418; US 2005285771 A1 20051229

DOCDB simple family (application)

DE 0303271 W 20031001; AT 03773477 T 20031001; CA 2501374 A 20031001; DE 10247350 A 20021010; DE 50308132 T 20031001; EP 03773477 A 20031001; ES 03773477 T 20031001; IL 16784605 A 20050404; NO 20052256 A 20050509; US 53094005 A 20050408