

Title (en)

Target indicator for attracting homing missiles.

Title (de)

Zielmarkierungsvorrichtung zum Anziehen von zielsuchenden Geschossen.

Title (fr)

Marqueur d'objectif pour attirer des projectiles munis d'un autoguidage.

Publication

EP 0388264 A1 19900919 (FR)

Application

EP 90400636 A 19900309

Priority

FR 8903312 A 19890314

Abstract (en)

This target indicator makes it possible to increase the accuracy and efficiency of guidance of homing missiles towards a target. <??>For indicating ground targets, it comprises an ovoid casing (15) equipped with a rip cord (4), with a magnet (1) and with a coil (11) for detecting a variation in flux at the time of an impact on a magnetic surface. Arranged inside the casing are a battery (6), an electronic control and transmission circuit (5) and a barrel (2) of pulse generators (13) connected to one another by means of pyrotechnic delay devices (12). The barrel opens out onto a single nozzle (3) inclined relative to the axis (Z) of the casing. After impact on the ground, the electronic circuit (5) commands the ignition of the first pulse generator. The other pulse generators cause jumps until fastened on a magnetic surface by means of the magnet (1). After the detection of the flux variation, electronic circuit (5) commands the ignition of the rip cord (4) for the purpose of ejecting the casing (15) and the barrel of pulse generators (13) and triggers an ultrahigh frequency or infrared transmitter, depending on the particular homing missile to be homed in. <IMAGE>

IPC 1-7

F41G 7/22; **F42B 12/40**

IPC 8 full level

F41G 7/22 (2006.01); **F42B 12/40** (2006.01)

CPC (source: EP US)

F41G 7/226 (2013.01 - EP US); **F41G 7/2293** (2013.01 - EP US); **F42B 12/40** (2013.01 - EP US)

Citation (search report)

- [A] GB 2201494 A 19880901 - DIEHL GMBH & CO
- [A] US 4448106 A 19840515 - KNAPP RICHARD D [CA]
- [A] DE 3421607 A1 19851212 - DYNAMIT NOBEL AG [DE]
- [A] US 4281809 A 19810804 - OGLESBY FRANK P, et al
- [A] GB 2029943 A 19800326 - RHEINMETALL GMBH
- [A] US 3835749 A 19740917 - JONEAUX P

Cited by

EP0848227A1; FR2667139A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0388264 A1 19900919; CA 2012106 A1 19900914; FR 2644575 A1 19900921; FR 2644575 B1 19910531; US 5070790 A 19911210

DOCDB simple family (application)

EP 90400636 A 19900309; CA 2012106 A 19900313; FR 8903312 A 19890314; US 48635390 A 19900228