

Title (en)

Method for protecting an IR-radiation emitting object and projectile for putting this method in practice

Title (de)

Verfahren zum Schützen von eine IR-Strahlung abgebenden Objekten und Wurfkörper zur Durchführung des Verfahrens

Title (fr)

Procédé pour protéger un objet émettant un rayonnement infrarouge et projectile pour la mise en oeuvre d'un tel procédé

Publication

EP 0512202 B1 19960410 (DE)

Application

EP 92102852 A 19920220

Priority

DE 4115384 A 19910510

Abstract (en)

[origin: EP0512202A2] A method for protecting an object emitting IR radiation, particularly ships, against missiles equipped with intelligent IR homing heads is created. After the missile has been located, a large-area pyrotechnic cloud of interfering radiation is first generated adjacently to the object between the object and missile, which initially briefly emits a strong infrared radiation which interferes with the locking-on and tracking electronic of the homing head, and then emits a weak infrared radiation for a comparatively long period. Immediately after the strong radiation phase of the cloud of interfering radiation has ended, several decoy clouds are generated which then lead the missile away from the object to be protected step by step. The clouds of interfering radiation are generated by projectiles, the active mass of which consists of phosphorus flares and phosphorus granulate. <IMAGE>

IPC 1-7

F41H 11/02

IPC 8 full level

F41G 7/22 (2006.01); **F41H 3/00** (2006.01); **F41H 9/06** (2006.01); **F41H 11/02** (2006.01); **G01S 7/48** (2006.01)

CPC (source: EP US)

F41H 9/06 (2013.01 - EP US)

Cited by

EP0602481A1; DE102005020159A1; DE102005020159B4; WO2006117037A1; DE102007032112A1; WO2012028257A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0512202 A2 19921111; **EP 0512202 A3 19930901**; **EP 0512202 B1 19960410**; CA 2064497 A1 19921111; CA 2064497 C 19960625; DE 4115384 A1 19921112; DE 4115384 C2 19940707; DE 59205935 D1 19960515; JP 2675233 B2 19971112; JP H05157495 A 19930622; US 5291818 A 19940308

DOCDB simple family (application)

EP 92102852 A 19920220; CA 2064497 A 19920331; DE 4115384 A 19910510; DE 59205935 T 19920220; JP 14476192 A 19920511; US 87585692 A 19920429