

Title (en)

METHOD FOR PROTECTING AN IR-RADIATION EMITTING OBJECT AND PROJECTILE FOR PUTTING THIS METHOD IN PRACTICE

Publication

EP 0512202 A3 19930901 (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; **F41H 3/00**

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)

Citation (search report)

- [A] US 3841219 A 19741015 - SCHILLREFF G
- [A] EP 0083280 A2 19830706 - LACROIX SOC E [FR]
- [AD] EP 0240819 B1 19930915
- [A] DE 3735426 A1 19890503 - SIMON HANS DIPL ING [DE]

Cited by

EP0602481A1; DE102005020159A1; DE102005020159B4; WO2006117037A1; DE102007032112A1; WO2012028257A1

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