

Title (en)

Device and method for protection against missiles and use of a laser device

Title (de)

Abwehrvorrichtung gegen Flugkörper, Verfahren zur Abwehr gegen Flugkörper und Verwendung einer Laservorrichtung

Title (fr)

Dispositif et méthode de protection contre des missiles et utilisation d'un dispositif laser

Publication

EP 1746381 B1 20100707 (DE)

Application

EP 06116303 A 20060629

Priority

DE 102005034613 A 20050718

Abstract (en)

[origin: EP1746381A1] The defence device against missiles (12), with infrared detection (14), comprises a plasma generating unit (16) by which a plasma or plasma breakthrough is generated in the air at a distance from the plasma generating unit. One or more plasma clouds (30) are produced in the air by the plasma generating unit. The plasma generating unit includes at least one laser device (18) by means of which light pulses are emitted. Independent claims are included for: (1) a method for defence against missiles which have infrared detection which entails producing plasma clouds in the air; and (2) a use of a laser device for producing plasma in the air.

IPC 8 full level

F41H 11/02 (2006.01)

CPC (source: EP)

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Cited by

EP2926361A4; US10342111B2; JP2017015312A; EP3267142A4; US10801817B2

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