

Title (en)

Method and apparatus for fighting against helicopters operating under cover

Title (de)

Verfahren und Vorrichtung zur Bekämpfung verdeckt operierender Hubschrauber

Title (fr)

Procédé et dispositif pour combattre des hélicoptères opérant à couvert

Publication

EP 0727638 B1 20010711 (DE)

Application

EP 96102303 A 19960216

Priority

DE 19505791 A 19950220

Abstract (en)

[origin: EP0727638A1] The method is carried out using an aircraft with an integral target search head. The individual radiation of the helicopter modulated by the movement of the rotor blade is used to identify the target. The aircraft containing the search head traverses a flight path parallel to the earth's surface during a search phase. The line of sight axis during the search phase is at a downwards, acute angle. While pursuing the target, the line of sight axis is colinear with the aircraft axis. The rotary and longitudinal movement of the aircraft is quantitatively detected by sensors. Using suitable algorithms, the field of view on the ground is stabilised electronically so that the frequency identification of the helicopter, which requires a still picture in the search head for a given min. time, is carried out within raster elements of a ground coordinate system.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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