

Title (en)

METHOD AND APPARATUS FOR LOCATING AN INFRARED-EMITTING TARGET AND AMMUNITION FOR USE THEREWITH

Publication

**EP 0306391 B1 19920108 (FR)**

Application

**EP 88402119 A 19880818**

Priority

FR 8711808 A 19870821

Abstract (en)

[origin: EP0306391A1] The apparatus which can be used on ammunition for attacking a thermal-engine vehicle comprises a detector with a low angular field having a sensor (24) sensitive in the range from 3 to 5  $\mu$ m and a sensor (34) sensitive to near-infrared; means for sampling the output of the sensors at such a rate that there is an overlap of the zones corresponding to successive samples; means for storing a predetermined number of successive samples; calculation means forming the difference between the samples of the response of the first sensor and the average of n preceding samples and, in the event that a threshold is exceeded, causing the search for an end of transition by comparison between stored successive samples and a comparison between the samples of the signal supplied by the second sensor for the transitional zone with specific minimum and maximum values. <IMAGE>

IPC 1-7

**F42B 12/02**; **F42C 13/02**

IPC 8 full level

**F42B 10/26** (2006.01); **F42C 13/02** (2006.01)

CPC (source: EP)

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Cited by

US5617318A; GB2332734A; CN112454842A; EP0589746A1; FR2695992A1; US5341743A; US5175432A

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