

Title (en)

Method and arrangement for a weapon system.

Title (de)

Verfahren und Anordnung für ein Waffensystem.

Title (fr)

Méthode et agencement pour un système d'arme.

Publication

EP 0527715 A1 19930217 (EN)

Application

EP 92850149 A 19920617

Priority

SE 9102117 A 19910708

Abstract (en)

The invention relates to a method and an arrangement for determining in a weapon system the position of one or a plurality of lead points of a moving target (1) which is carrying out manoeuvres in three-dimensional space with the aim of arriving at such a position that dropping of its ordnance against an attack object(2) becomes possible. The state of the current target position and movement as well as its predicted position (the lead point) is calculated and the position of the lead point is converted to angle adjustments of the weapon system. The positions of probable attack objects (2) are supplied to the system and are utilised in the calculations of the lead point or lead points, respectively, and a number of movement models are combined in such a manner to build up a hypothetical path shape (target model) along which the target is assumed to move. <IMAGE>

IPC 1-7

F41G 5/08

IPC 8 full level

F41G 5/08 (2006.01)

CPC (source: EP)

F41G 5/08 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0527715 A1 19930217; EP 0527715 B1 19960911; DE 69213615 D1 19961017; DE 69213615 T2 19970220; SE 468725 B 19930308; SE 9102117 D0 19910708; SE 9102117 L 19930109

DOCDB simple family (application)

EP 92850149 A 19920617; DE 69213615 T 19920617; SE 9102117 A 19910708