

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

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Application
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Priority
SE 9102117 A 19910708

Abstract (en)
[origin: EP0527715A1] 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>

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Cited by
CN115823951A; CN102706217A; US2021116215A1; US11747113B2; GB2423140A; GB2423140B; CN102980449A; US9625236B2; US7502279B2

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