

Title (en)

METHOD AND DEVICE FOR PROVIDING A DUMMY TARGET FOR PROTECTING A VEHICLE AND/OR AN OBJECT FROM RADAR-GUIDED SEEKER HEADS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEREITSTELLEN EINES SCHEINZIELES ZUM SCHUTZ EINES FAHRZEUGES UND / ODER OBJEKTES VOR RADARGELENKTEEN SUCHKÖPFEN

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE FOURNIR UNE CIBLE FICTIVE POUR PROTÉGER UN VÉHICULE ET/OU UN OBJET CONTRE DES TÊTES CHERCHEUSES DIRIGÉES PAR RADAR

Publication

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Application

**EP 16710112 A 20160303**

Priority

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Abstract (en)

[origin: CA2974076A1] A method and device are for providing a dummy target of decoy chaffs for protecting an object from radar-guided missiles. After identification of the missile and calculation of a decoy chaff pattern, the pattern is presented as a point cloud of the disassembly or detonation points of the dummy target as polar coordinates in accordance with the firing of shots. A cut-off distance for the determination of a defence radius is found in these polar coordinates and a minimum distance between the disassembly or detonation points within the defence radius is set in a freely selectable manner. The dummy target is optimized on the basis of the cut-off distance and the minimum distance between the disassembly or detonation points. The only decoy chaffs that are deployed are those that have a minimum distance between the disassembly or detonation points within the defence radius in the optimized dummy target.

IPC 8 full level

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CPC (source: EP KR US)

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