

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 RADARGELENKTE SUEHKOEPPFEN

Title (fr)  
PROCEDURE ET DISPOSITIF PERMETTANT DE FOURNIR UNE CIBLE FICTIVE POUR PROTEGER UN VEHICULE ET/OU UN OBJET CONTRE DES TETES CHERCHEUSES DIRIGEEES PAR RADAR

Publication  
**EP 3265742 A1 20180110 (DE)**

Application  
**EP 16710112 A 20160303**

Priority  
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• EP 2016054521 W 20160303

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  
**F41H 11/02** (2006.01); **F41G 7/22** (2006.01); **F41J 2/00** (2006.01)

CPC (source: EP KR US)  
**B63G 13/00** (2013.01 - KR); **F41G 3/04** (2013.01 - EP US); **F41G 7/224** (2013.01 - EP KR US); **F41H 11/02** (2013.01 - EP KR US); **F41J 2/00** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2016139295A1

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