

Title (en)

A method of applying soft-kill deployment, a soft-kill deployment system and a computer program product

Title (de)

Ausbringverfahren von Scheinzielen, ein Scheinziel-Ausbringssystem und ein Computerprogrammprodukt

Title (fr)

Procédé d'application de déploiement de neutralisation par déroutement, système de déploiement de neutralisation par déroutement et produit de programme informatique

Publication

EP 2204632 A1 20100707 (EN)

Application

EP 08173134 A 20081231

Priority

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Abstract (en)

The invention relates to a method of applying soft-kill deployment to mislead an incoming missile (12) directed to a mother platform (10). The method comprises the step of predicting a number of miss distances (M) associated with corresponding particular decoy launch parameter sets. Further, the method comprises the step of selecting a decoy parameter set having an optimal predicted miss distance (M). The method also comprises the step of transmitting the selected decoy parameter set to a launch unit (1) for launching the decoy (14). Here, the predicting step includes the use of an adjoint algorithm.

IPC 8 full level

F41H 11/02 (2006.01); **F41J 2/02** (2006.01); **F42B 5/15** (2006.01); **F42B 12/70** (2006.01)

CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2204632 A1 20100707; AU 2009333968 A1 20110721; AU 2009333968 B2 20120607; CA 2748832 A1 20100708; EP 2382438 A1 20111102; IL 213837 A0 20110731; JP 2012514179 A 20120621; US 2012055990 A1 20120308; WO 2010077142 A1 20100708

DOCDB simple family (application)

EP 08173134 A 20081231; AU 2009333968 A 20091230; CA 2748832 A 20091230; EP 09796128 A 20091230; IL 21383711 A 20110629; JP 2011544392 A 20091230; NL 2009050837 W 20091230; US 200913142490 A 20091230