

Title (en)

Method and apparatus for distraction of infrared, radar and dual-mode guided missiles

Title (de)

Verfahren und Vorrichtung zur Täuschung Infrarot -, Radar- als auch dual mode -gelenkter Flugkörper

Title (fr)

Procédé et dispositif de leurrage de missiles guidés par infrarouge, par radar et en double mode

Publication

EP 1907784 A1 20080409 (DE)

Application

EP 06776087 A 20060628

Priority

- EP 2006006223 W 20060628
- DE 102005035251 A 20050725

Abstract (en)

[origin: US2009251353A1] The invention proposes to provide distraction spoofing even on modern infrared, radar and dual-mode guided missiles (4) by production of a decoy chain (20). The chain (20) is formed by a plurality of apparent targets which are switched successively, for example by firing of individual chaff submunitions (2.1-2.5). The deployment takes place before or during the search phase of the missile and can in this case, for example, be carried out using the reverse walk-off principle or at the same time simultaneously or successively and in the form of a pattern. This ensures that the decoys (2.1-2.5) act initially in the greatest selected range zone away from the target (3). The spoofing chain (20) created in this way results in the missile (4) having to carry out a series of time-consuming analysis processes on its way to the target (3).

IPC 8 full level

F41H 11/02 (2006.01); **F41J 2/02** (2006.01); **F42B 12/66** (2006.01); **F42B 12/70** (2006.01)

CPC (source: EP US)

F41H 11/02 (2013.01 - EP US); **F41J 2/02** (2013.01 - EP US); **F42B 12/66** (2013.01 - EP US); **F42B 12/70** (2013.01 - EP US)

Citation (search report)

See references of WO 2007012371A1

Designated contracting state (EPC)

DE DK FR GB

DOCDB simple family (publication)

US 2009251353 A1 20091008; **US 8223061 B2 20120717**; DE 102005035251 A1 20070201; DK 1907784 T3 20130204; EP 1907784 A1 20080409; EP 1907784 B1 20121024; IL 189028 A0 20080807; IL 189028 A 20150630; WO 2007012371 A1 20070201

DOCDB simple family (application)

US 98882406 A 20060628; DE 102005035251 A 20050725; DK 06776087 T 20060628; EP 06776087 A 20060628; EP 2006006223 W 20060628; IL 18902808 A 20080124