

Title (en)

MULTIPLE TURRET DIRCM SYSTEM AND RELATED METHOD OF OPERATION

Title (de)

DIRCM-SYSTEM MIT MEHREREN TÜRMEIN UND ZUGEHÖRENDES VERFAHREN ZUM BETRIEB

Title (fr)

SYSTÈME DIRCM À TOURELLES MULTIPLES ET PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ

Publication

EP 3081895 A1 20161019 (EN)

Application

EP 16165697 A 20160416

Priority

- EP 15425030 A 20150417
- EP 16165697 A 20160416

Abstract (en)

A method of operation of a DIRCM system (2) for protecting a platform (4) against IR-guided missiles (5), wherein said DIRCM system (2) comprises a plurality of DIRCM subsystems (21,22) operable to track and jam IR-guided missiles (5); and wherein the DIRCM subsystems comprise a first DIRCM subsystem (21) and a second DIRCM subsystem (22), that are installed on the platform (4) so that: said first DIRCM subsystem (21) is operable to track and jam IR-guided missiles (5) in a first coverage region; said second DIRCM subsystem (22) is operable to track and jam IR-guided missiles (5) in a second coverage region; and both said first and second DIRCM subsystems (21,22) are operable to track and jam IR-guided missiles (5) in an overlap region, which includes a first handover sub-region adjacent to the first coverage region and a second handover sub-region adjacent to the second coverage region.

IPC 8 full level

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CPC (source: EP)

F41G 7/224 (2013.01); **F41H 13/005** (2013.01); **F41H 13/0056** (2013.01); **F41H 13/0062** (2013.01)

Citation (applicant)

US 2007075182 A1 20070405 - FETTERLY DONALD R [US]

Citation (search report)

- [A] EP 2442131 A1 20120418 - ELTA SYSTEMS LTD [IL], et al
- [A] JP 2006207891 A 20060810 - TOSHIBA CORP
- [A] WO 2008062401 A1 20080529 - RAFAEL ARMAMENT DEV AUTHORITY [IL], et al
- [A] EP 2527865 A1 20121128 - BIRD AEROSYSTEMS LTD [IL]

Cited by

EP3699544A1; EP3702720A1; EP3954964A1; EP3751226A1; EP3410148A1; EP3410149A1; AU2018277595B2; WO2019120555A1; WO2019077572A1; US10883802B2; EP3769511A4; WO2019180707A1; WO2018220382A1; EP3800483A1; DE102019006925A1; AU2018277594B2; WO2018220381A1; DE102020004949A1; EP3800483B1; US10883803B2; EP3699544B1

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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