Title (en)

MISSION PLANNING FOR WEAPONS SYSTEMS

Title (de)

MISSIONSPLANUNG FÜR WAFFENSYSTEME

Title (fr)

PLANIFICATION DE MISSION POUR SYSTÈMES D'ARMES

Publication

EP 3407004 A1 20181128 (EN)

Application

EP 17172972 A 20170525

Priority

EP 17172972 A 20170525

Abstract (en)

A mission planning method for use with a weapon is disclosed. The method comprises: obtaining a first training data set describing the performance of the weapon; using the first training data set and a Gaussian Process (GP) or Neural Network to obtain a first surrogate model giving a functional approximation of the performance of the weapon; and providing the first surrogate model to a weapons system for use in calculating a performance characteristic of the weapon during combat operations.

IPC 8 full level

F41G 7/00 (2006.01); **F41G 9/00** (2006.01)

CPC (source: EP)

F41G 7/006 (2013.01); **F41G 7/007** (2013.01); **F41G 9/002** (2013.01); F41G 7/002 (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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