

Title (en)

UNMANNED VEHICLE, SYSTEM, AND METHOD FOR INITIATING A FIRE EXTINGUISHING ACTION

Title (de)

UNBEMANNTES FAHRZEUG, SYSTEM UND VERFAHREN ZUR EINLEITUNG EINER BRANDLÖSCHAKTION

Title (fr)

VÉHICULE TÉLÉGUIDÉ, SYSTÈME ET PROCÉDÉ POUR DÉCLENCHER UNE ACTION D'EXTINCTION D'INCENDIE

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Application

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Abstract (en)

[origin: WO2018010982A1] The invention relates to an unmanned vehicle (2) for initiating a fire extinguishing action, comprising a vehicle sensor unit (6) for detecting a fire parameter KF of a vehicle monitoring region (8), a signal receiving unit (10) for receiving an instruction signal SI representing a reference fire status ZR for a fire detector monitoring region (12) of a stationary fire detector (14) and a target location (16), and a navigation control unit (18) for navigating the vehicle (2) to the target location (16) based on the instruction signal SI, such that the vehicle monitoring region (8) and the fire detector monitoring region (12) overlap, wherein the vehicle (2) is configured to detect the fire parameter KF at the target location (16) by means of the vehicle sensor unit (6) as a verification fire parameter KV of the fire detector monitoring region (12), wherein the vehicle (2) is configured for determining a verification fire status ZV by evaluating the verification fire parameter KV, wherein the vehicle (2) is configured to determine the reference fire status ZR as a verified reference fire status ZVR, if the reference fire status ZR and the verification fire status ZV sufficiently correspond, and to initiate a fire extinguishing action in the event of a verified reference fire status ZVR. The invention also relates to a system (20) having a vehicle (2) of this type, as well as a corresponding method.

IPC 8 full level

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