Title (en)
TRAFFIC MANAGEMENT SYSTEMS AND METHODS FOR UNMANNED AERIAL VEHICLES

Title (de)
VERKEHRSMANAGEMENTSYSTEME UND VERFAHREN FÜR UNBEMANNTE LUFTFAHRZEUGE

Title (fr)
SYSTÈMES DE GESTION DE TRAFIC ET PROCÉDÉS POUR VÉHICULES AÉRIENS SANS PILOTE

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Application
EP 21166796 A 20210401

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Abstract (en)
Systems and methods are disclosed for traffic management for unmanned aerial vehicles (UAVs). The systems and methods define a network of waypoint computing devices having traffic corridors connecting the waypoint computing devices. Systems and methods receive suspend calls and initiate calls from waypoint computing devices and dynamically update the network so as to include additional waypoint computing devices and traffic corridor connections based on the initiate calls and to remove from the network waypoint computing devices and associated traffic corridors based on the suspend calls. The systems and methods determine a flight plan for the UAV in response to a request based on the updated network. The flight plan includes a plurality of traffic corridors connecting source and destination global coordinates included in the request. The systems and methods provide a response to the UAV including the flight plan.

IPC 8 full level
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Citation (search report)
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