

Title (en)

METHOD, DEVICE AND SYSTEM FOR DETECTING HAZARDOUS OBJECTS

Title (de)

VERFAHREN, VORRICHTUNG UND SYSTEM ZUR DETEKTION GEFÄHRLICHER OBJEKTE

Title (fr)

PROCÉDÉ, DISPOSITIF, ET SYSTÈME DE DÉTECTION D'OBJETS DANGEREUX

Publication

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Application

EP 20703042 A 20200207

Priority

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Abstract (en)

[origin: WO2020165050A1] The present invention relates to a method, device and system for detecting hazardous objects in a sector. It can comprise capturing data corresponding to a sector, analyzing captured data via an object detection algorithm, detecting at least one predetermined object at a first location based on the analyzed data, assigning an importance parameter to the detected object and in response to the importance parameter exceeding a set or self-adjusted or self-learned threshold, classifying the detected object as a hazardous object and deploying an unmanned aerial vehicle to the first location. The capturing data can be done by a sensor component, the analyzing, the detecting, and/or the classifying by a processing component. It can further comprise at least one of visual images, infrared (IR) images, and thermal images. The sensor component can thus be sensitive to one or more electromagnetic wave lengths. The predetermined object can comprise at least one of a person; and a land borne, seaborne and/or airborne vehicle, and a land borne, seaborne and/or airborne mobile robot; and a chemical component or composition.

IPC 8 full level

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CPC (source: EP US)

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US 2016325835 A1 20161110 - ABUELSAAD KELLY [US], et al

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