

Title (en)

Fire suppression system and method for fire suppression in an airborne vehicle

Title (de)

Brandbekämpfungssystem und Verfahren zur Brandbekämpfung in einem Luftfahrzeug

Title (fr)

Système de lutte contre les incendies et procédé pour système d'extinction de feu dans un véhicule aérien

Publication

EP 2623159 B1 20180613 (EN)

Application

EP 12153704 A 20120202

Priority

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Abstract (en)

[origin: EP2623159A1] The present invention pertains to a fire suppression system and a method for fire suppression in an airborne vehicle, particularly in cargo bays of aircraft. The fire suppression system comprises a fuel tank inerting system including at least two on-board inert gas generating systems, a halon-based fire suppression subsystem configured to release halon as a first fire suppression agent, a monitoring module, which is coupled to the at least two on-board inert gas generating systems, and which is configured to monitor the operability of the at least two on-board inert gas generating systems and to output a monitoring signal indicating the state of operability of the at least two on-board inert gas generating systems, and a control module, which is coupled to the monitoring module, the at least two on-board inert gas generating systems and the halon-based fire suppression subsystem, and which is configured to select one of the at least two on-board inert gas generating systems depending on the monitoring signal and to control the selected on-board inert gas generating system to release an inert gas as a second fire suppression agent.

IPC 8 full level

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CPC (source: EP)

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Cited by

FR3050438A1; GB2568392A; GB2568392B; GB2585169A; GB2585169B; EP3228364A1; US11717839B2; US10179308B2; WO2017168199A1; WO2017182733A1; US10858118B2; US10286235B2; US11536154B2

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DOCDB simple family (publication)

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