

Title (en)

Fire suppression system and solid propellant aerosol generator for use therein

Title (de)

Feuerunterdrückungssystem und Festtreibstoffaerosolgenerator dafür

Title (fr)

Système d'extinction d'incendie et générateur d'aérosol à propulseur solide destiné audit système

Publication

EP 1616599 A1 20060118 (EN)

Application

EP 05014617 A 20020920

Priority

- EP 02775923 A 20020920
- US 32382401 P 20010921
- US 19344802 A 20020711

Abstract (en)

The invention relates to a fire suppression system for a substantially enclosed area (10). The system comprises: a plurality of solid propellant aerosol generators (22, 24) disposed about the enclosed area for exhausting a fire suppressant aerosol that is substantially void of an ozone depleting material into the enclosed area. Each aerosol generator includes an ignition element for igniting the solid propellant thereof to produce the fire suppressant aerosol. Each ignition element of the aerosol generators is coupled to a fire control unit (102) which is operative to ignite the solid propellant of at least one aerosol generator utilizing the ignition element thereof to produce and exhaust the fire suppressant aerosol into the enclosed area.

IPC 8 full level

A62C 35/08 (2006.01); **A62C 5/00** (2006.01); **A62C 35/02** (2006.01)

CPC (source: EP)

A62C 35/02 (2013.01)

Citation (applicant)

US 5861106 A 19990119 - OLANDER DONALD E [US]

Citation (search report)

- [X] WO 9901180 A2 19990114 - ZHEGROV EVGENY FEDOROVICH [RU], et al
- [X] DE 19653781 A1 19980625 - DYNAMIT NOBEL AG [DE]
- [A] EP 0711579 A2 19960515 - TOTAL FEUERSCHUTZ GMBH [DE]
- [A] US 5865257 A 19990202 - KOZYREV VALERIY NIKOLAEVITCH [RU], et al

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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