

Title (en)

Fire-fighting system

Title (de)

Feuerbekämpfungssystem

Title (fr)

Système de lutte contre les incendies

Publication

EP 2522402 A1 20121114 (EN)

Application

EP 12002762 A 20120420

Priority

IT MI20110686 A 20110421

Abstract (en)

A fire-fighting system, has a network for the distribution of inert gas into a closed environment (1) through injection points (6); a plurality of sampling points (4) that take samples of atmosphere in the closed environment (1) in order to measure the quantity of oxygen that is present; an inert gas generator (9) connected to the injection points (6) and an oxygen analyzer (12) connected to the sampling points (4); the inert gas generator (9) is controlled by the oxygen analyzer (12) so as to send inert gas to the injection points (6) when the oxygen content measured by the sampling points (4) exceeds a preset value; a virtual grid (2) divides the environment (1) into a plurality of regions having variable dimensions: smaller regions at openings (3, 33) of said environment toward the outside, and larger regions where there are no openings; each region has at least one injection point (6) and at least one sampling point (4); the sampling point (4) of each region is distant from the respective injection point (6).

IPC 8 full level

A62C 37/40 (2006.01)

CPC (source: EP)

A62C 37/40 (2013.01); **A62C 99/0018** (2013.01)

Citation (applicant)

DE 19934118 A1 20010201 - WAGNER ALARM SICHERUNG [DE]

Citation (search report)

- [A] DE 19934118 A1 20010201 - WAGNER ALARM SICHERUNG [DE]
- [A] US 2003058114 A1 20030327 - MILLER MARK S [US], et al
- [A] CH 572752 A5 19760227 - CERBERUS AG
- [A] WO 03056325 A1 20030710 - WAGNER ALARM SICHERUNG [DE], et al

Cited by

IT201900004005A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2522402 A1 20121114; **EP 2522402 B1 20160511**; ES 2585831 T3 20161010; IT MI20110686 A1 20121022; PT 2522402 T 20160812

DOCDB simple family (application)

EP 12002762 A 20120420; ES 12002762 T 20120420; IT MI20110686 A 20110421; PT 12002762 T 20120420