

Title (en)

APPARATUS FOR THE CONTROLLED GENERATION OF NON-PYROTHECNIC SMOKE AND CARTRIDGE MADE OF MATERIAL FOR GENERATING NON-PYROTHECNIC SMOKE

Title (de)

VORRICHTUNG ZUR KONTROLLIERTEN ERZEUGUNG VON NICHT-PYROTECHNISCHEM RAUCH UND KARTUSCHE AUS MATERIAL ZUR ERZEUGUNG VON NICHT-PYROTECHNISCHEM RAUCH

Title (fr)

APPAREIL POUR LA PRODUCTION CONTRÔLÉE DE FUMÉE NON PYROTECHNIQUE ET CARTOUCHE FABRIQUÉE À PARTIR DE MATÉRIAU POUR LA PRODUCTION DE FUMÉE NON PYROTECHNIQUE

Publication

EP 3869148 A1 20210825 (EN)

Application

EP 21000040 A 20210208

Priority

IT 202000003416 A 20200219

Abstract (en)

An apparatus for the controlled generation of non-pyrotechnic smoke is described, comprising a supply of smoke-generating material (1), means for directing a combustible gas or air (2) towards the supply of smoke-generating material (1) in order to reach the smoke-generating material, heating means (3) at a temperature sufficient to trigger and maintain the reaction capable of generating smoke in the vicinity of the smoke-generating material; a controller (4) of the directing means of a gas or air (2) and of the heating means (3) allows controlling the generation of smoke. Furthermore, a cartridge of non-pyrotechnic smoke-generating material is described, suitable for providing the supply of smoke-generating material (1) of a non-pyrotechnic controlled smoke generation apparatus.

IPC 8 full level

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CPC (source: EP)

A63J 5/025 (2013.01); **C06D 3/00** (2013.01); **F41H 9/08** (2013.01)

Citation (applicant)

- US 5220637 A 19930615 - LEVIN III CHARLES J [US], et al
- DE 10215159 A1 20031120 - LELL PETER [DE]

Citation (search report)

[X1] US 2018139974 A1 20180524 - FLOOD MARK [US], et al

Cited by

WO2024107869A1

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Designated extension state (EPC)

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