

Title (en)

System to extinguish a fire by injection of a gas generated by the combustion of a pyrotechnical charge

Title (de)

Vorrichtung zum Löschen von Feuer durch die Einführung von einem Gas, das durch die Verbrennung von einer pyrotechnischen Ladung hergestellt ist

Title (fr)

Dispositif d'extinction de feu par injection d'un gaz généré par la combustion d'un bloc pyrotechnique

Publication

EP 1609507 B1 20120704 (FR)

Application

EP 05104116 A 20050517

Priority

FR 0450997 A 20040519

Abstract (en)

[origin: EP1609507A1] The extinguisher (1) consists of a gas generator (2) in the form of a chamber (10) with an outlet (16) and a block of a pyrotechnic material (12) that generates a propellant gas containing at least 20 per cent nitrogen and/or carbon monoxide and/or carbon dioxide. It has a distributor (4) for the generated gas, a gas pressure regulator (20), and a combustion initiator (14) with a controller (22). A variant of the design can have a number of gas generators.

IPC 8 full level

A62C 5/00 (2006.01); **A62C 99/00** (2010.01)

CPC (source: EP US)

A62C 5/006 (2013.01 - EP US); **A62C 99/0018** (2013.01 - EP US)

Cited by

CN112041033A; US11786771B2; WO2010137933A1; WO2020108963A3; WO2008107579A2; FR2911168A1; FR2905454A1; WO2008025930A1; WO2019201492A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 1609507 A1 20051228; EP 1609507 B1 20120704; CA 2507562 A1 20051119; CA 2507562 C 20130226; FR 2870459 A1 20051125; FR 2870459 B1 20060825; RU 2005115167 A 20061127; RU 2372956 C2 20091120; US 2005257937 A1 20051124; US 7735571 B2 20100615

DOCDB simple family (application)

EP 05104116 A 20050517; CA 2507562 A 20050516; FR 0450997 A 20040519; RU 2005115167 A 20050518; US 13239505 A 20050519