

Title (en)

METHOD FOR THE ACTIVATION OF PYROTECHNICAL FIRE EXTINGUISHERS AND THERMAL ACTIVATION SYSTEM

Title (de)

VERFAHREN ZUR AUSLÖSUNG VON PYROTECHNISCHEN FEUERLÖSCHVORRICHTUNGEN UND THERMISCHES AUSLÖSESYS-TEM

Title (fr)

PROCÉDÉ DE DÉCLENCHEMENT DE DISPOSITIFS PYROTECHNIQUES D'EXTINCTION D'INCENDIE ET SYSTÈME DE DÉCLENCHEMENT THERMIQUE

Publication

**EP 2528666 B1 20160706 (DE)**

Application

**EP 11701399 A 20110126**

Priority

- DE 102010005952 A 20100127
- EP 2011051044 W 20110126

Abstract (en)

[origin: WO2011092189A1] The invention relates to a method for triggering pyrotechnic fire extinguishing devices (1), using an igniting mechanism that ignites a pyrotechnic composition (12) in the fire extinguishing device (1) when triggered. The aim of the invention is to provide a triggering system which is independent of external energy, which is controlled by pressurized gas, and which enables a quick detection of fires that are not located in the direct vicinity of the pyrotechnic triggering device. To achieve this, the igniting mechanism is triggered hydraulically or pneumatically, the fire extinguishing devices (1) are connected to a triggering line (2) which contains a pressurized medium and which opens by thermal loading in case of fire, and the igniting mechanism is triggered in the event of a sudden pressure loss in the triggering line (2).

IPC 8 full level

**A62C 37/36** (2006.01); **A62C 5/00** (2006.01); **A62C 35/10** (2006.01)

CPC (source: EP)

**A62C 35/10** (2013.01); **A62C 37/36** (2013.01); **A62C 5/006** (2013.01)

Citation (examination)

DE 10163527 C1 20030821 - SIEMENS AG [DE]

Cited by

WO2023116962A1; DE102021134603B4

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

DOCDB simple family (publication)

**DE 102010005952 A1 20110728**; EP 2528666 A1 20121205; EP 2528666 B1 20160706; WO 2011092189 A1 20110804

DOCDB simple family (application)

**DE 102010005952 A 20100127**; EP 11701399 A 20110126; EP 2011051044 W 20110126