

Title (en)
PULSE-OPERATED SMOKE DETECTOR WITH DIGITAL CONTROL UNIT

Title (de)
PULSBETRIEBENER RAUCHDETEKTOR MIT DIGITALER STEUEREINHEIT

Title (fr)
DÉTECTEUR DE FUMÉE FONCTIONNANT AU MOYEN D'IMPULSIONS ÉQUIPÉ D'UNE UNITÉ DE COMMANDE NUMÉRIQUE

Publication
EP 2734988 B1 20160302 (DE)

Application
EP 12751113 A 20120704

Priority
• DE 102011108389 A 20110722
• IB 2012053409 W 20120704

Abstract (en)
[origin: WO2013014561A1] Smoke detector of the open type that comprises at least one pulse-operated light-emitting element and at least one light detection element in an open housing and a power supply unit connected to the light-emitting element or elements, wherein the power supply unit comprises voltage stabilization means and an energy collection device and a digital power supply monitoring/control unit for monitoring and controlling the operation of the power supply unit and thus the light-emitting element or elements, wherein the digital operation monitoring and control unit is designed for real-time control of an on-time and of a pulse duration of the light-emitting element or elements in response to a temperature signal.

IPC 8 full level
G08B 17/107 (2006.01)

CPC (source: EP)
G08B 17/107 (2013.01); **G08B 17/113** (2013.01)

Cited by
DE102018220600A1; DE102018220600B4; US11493229B2

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 102011108389 A1 20130124; EA 026448 B1 20170428; EA 201391722 A1 20140630; EP 2734988 A1 20140528; EP 2734988 B1 20160302; WO 2013014561 A1 20130131

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