

Title (en)

Simulation of smoke gas during fire tests

Title (de)

Simulation von Rauchgas bei Brandversuchen

Title (fr)

Simulation de gaz de fumée lors d'essais de réaction au feu

Publication

EP 1829584 A8 20071017 (DE)

Application

EP 07001615 A 20070125

Priority

DE 102006009951 A 20060303

Abstract (en)

[origin: EP1829584A1] To test a fire alarm, by the simulation of smoke, a stream of hot gas is used at a temperature above the evaporation point of an oil. Oil is drawn from a tank (1) through a rising pipe (2a) into a heating coil (2c). Heat is applied from a gas burner (4), for the evaporated oil to form a hot gas plume from a jet (6) and a jet stream distributor (7).

IPC 8 full level

A62C 99/00 (2010.01); **F41H 9/06** (2006.01); **G09B 9/00** (2006.01); **G09B 19/00** (2006.01)

CPC (source: EP)

A62C 99/0081 (2013.01); **F41H 9/06** (2013.01); **G09B 19/00** (2013.01)

Cited by

FR2968654A1; CN114664164A; WO2012076819A1; DE102023106658B3; EP2857791A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1829584 A1 20070905; **EP 1829584 A8 20071017**; **EP 1829584 B1 20131204**; DE 102006009951 A1 20070906

DOCDB simple family (application)

EP 07001615 A 20070125; DE 102006009951 A 20060303