

Title (en)

Device for recognising the presence of a flame

Title (de)

Vorrichtung zur Erkennung des Vorhandenseins einer Flamme

Title (fr)

Dispositif de détection de la présence d'une flamme

Publication

EP 2439451 B1 20131211 (DE)

Application

EP 10013450 A 20101008

Priority

EP 10013450 A 20101008

Abstract (en)

[origin: EP2439451A1] The device has two ultraviolet-pipes (1,2), which have same view field. The two ultraviolet-pipes are activated and deactivated consecutively by a controller with a distance of predetermined time within a predetermined time interval so that the ultraviolet-pipes are activated for a predetermined time span. An independent claim is also included for a method for detecting the existence of a flame.

IPC 8 full level

F23N 5/08 (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP US)

F23N 5/082 (2013.01 - EP US); **F23N 5/242** (2013.01 - EP US); **F23N 2229/16** (2020.01 - EP US)

Cited by

DE102021130911A1; EP4397907A1

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)

EP 2439451 A1 20120411; **EP 2439451 B1 20131211**; DK 2439451 T3 20140310; ES 2446317 T3 20140307; PL 2439451 T3 20140630; US 2012138809 A1 20120607; US 8618493 B2 20131231

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EP 10013450 A 20101008; DK 10013450 T 20101008; ES 10013450 T 20101008; PL 10013450 T 20101008; US 201113317002 A 20111006