

Title (en)

Combustion system, automatic gas ignition device and device and method for interrupting a fuel supply for same

Title (de)

Verbrennungssystem, Gasfeuerungsautomat, sowie Vorrichtung und Verfahren zur Unterbrechung einer Brennstoffzufuhr hierfür

Title (fr)

Système de combustion, automate de chauffage au gaz ainsi que dispositif et procédé d'arrêt d'une amenée de combustible correspondant

Publication

EP 2295863 A3 20140611 (DE)

Application

EP 10172195 A 20100806

Priority

DE 102009036423 A 20090806

Abstract (en)

[origin: EP2295863A2] The method involves monitoring one of the independent switching-off paths (2,3) independently in order to ensure secured interruption of the fuel supply during breakdown in one of the switching-off paths. The two switching-off paths are monitored by an independent monitoring device. Independent claims are also included for the following: (1) a device for interrupting fuel supply to a combustion system by automatic gas stroker-controlled valves on existence of security concerns or a breakdown; and (2) an automatic gas stroker with switching units for safe operation of a combustion system.

IPC 8 full level

F23N 5/24 (2006.01)

CPC (source: EP)

F23N 5/242 (2013.01); **F23N 5/24** (2013.01); **F23N 2231/04** (2020.01); **F23N 2231/10** (2020.01)

Citation (search report)

- [A] EP 0803680 A2 19971029 - BOSCH GMBH ROBERT [DE]
- [A] EP 1199519 A2 20020424 - RB CONTROLS CO LTD [JP]
- [A] EP 0508081 A2 19921014 - BOSCH GMBH ROBERT [DE]
- [A] EP 0308831 A2 19890329 - HONEYWELL INC [US]
- [A] US 2005244765 A1 20051103 - OKADA HIKARU [JP], et al

Cited by

EP3848633A1; DE102020128045A1; US11789799B2; EP3869102A1; DE102020104766A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

DE 102009036423 A1 20110217; **DE 102009036423 B4 20130328**; **DE 102009036423 C5 20230302**; EP 2295863 A2 20110316; EP 2295863 A3 20140611; EP 2295863 B1 20190501

DOCDB simple family (application)

DE 102009036423 A 20090806; EP 10172195 A 20100806