

Title (en)

Apparatus for automatically extinguishing heater

Title (de)

Vorrichtung zur automatischen Abschaltung eines Heizers

Title (fr)

Appareil pour éteindre automatiquement un appareil de chauffage

Publication

EP 2525147 A3 20160106 (EN)

Application

EP 11179929 A 20110902

Priority

KR 20110045747 A 20110516

Abstract (en)

[origin: EP2525147A2] An apparatus for automatically turning off a heater is disclosed. A sensor for carbon dioxide and carbon oxide (30), temperature sensor (40), or a timer (13) for the heater is set. When measured data are out of the setting condition, the burner wick (2) is automatically lowered down so that a heater is automatically extinguished. By doing so, lack of oxygen due to carbon dioxide, gas suffocation and possible fire may be prevented.

IPC 8 full level

F23D 3/26 (2006.01); **F23D 3/28** (2006.01); **F23N 5/00** (2006.01); **F23N 5/02** (2006.01); **F23N 5/22** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP KR)

A62C 3/06 (2013.01 - KR); **F23D 3/26** (2013.01 - EP); **F23D 3/28** (2013.01 - EP); **F23N 5/003** (2013.01 - EP); **F23N 5/027** (2013.01 - EP); **F23N 5/22** (2013.01 - EP); **F23N 5/247** (2013.01 - EP); **F24C 5/06** (2013.01 - KR); **F24C 5/16** (2013.01 - KR); **F23D 2209/00** (2013.01 - EP); **F23N 2231/30** (2020.01 - EP)

Citation (search report)

- [ID] KR 100982803 B1 20100920 - PASECO CO LTD [KR]
- [A] US 6338624 B1 20020115 - KIM YOON-GUK [KR]
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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2525147 A2 20121121; **EP 2525147 A3 20160106**; **EP 2525147 B1 20180214**; CN 103518101 A 20140115; CN 103518101 B 20160127; ES 2671903 T3 20180611; JP 2014517902 A 20140724; JP 5758047 B2 20150805; KR 101129325 B1 20120326; WO 2012157809 A1 20121122

DOCDB simple family (application)

EP 11179929 A 20110902; CN 201180070785 A 20110706; ES 11179929 T 20110902; JP 2014510229 A 20110706; KR 20110045747 A 20110516; KR 2011004924 W 20110706