

Title (en)

GAS BURNING APPLIANCE AND METHOD FOR STARTING UP A GAS BURNING APPLIANCE

Title (de)

GASVERBRENNUNGSVORRICHTUNG UND VERFAHREN ZUM STARTEN EINER GASVERBRENNUNGSVORRICHTUNG

Title (fr)

APPAREIL DE COMBUSTION À GAZ ET PROCÉDÉ DE DÉMARRAGE D'UN APPAREIL DE COMBUSTION À GAZ

Publication

**EP 4390225 A1 20240626 (EN)**

Application

**EP 22215286 A 20221221**

Priority

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Abstract (en)

The invention relates to a method for starting up a gas burning appliance, comprising:- activating an igniter for a predetermined ignition time,- opening a gas supply for a predetermined safety time to supply combustible gas to the burning chamber,- detecting the presence of a flame by means of a flame detector,- closing the gas supply if no flame has been detected at the end of the predetermined safety time, wherein the predetermined safety time depends on the composition of the combustible gas.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 4015904 A1 20220622 - VAILLANT GMBH [DE]
- EP 3971475 A2 20220323 - BOSCH THERMOTECHNOLOGY LTD UK [GB]
- WO 2021078949 A1 20210429 - BEKAERT COMBUSTION TECH BV [NL]

Citation (search report)

- [A] US 4299556 A 19811110 - TODO KENJI, et al
- [A] WO 2020174353 A1 20200903 - OREFICI LUCA [IT]
- [A] JP 2016006356 A 20160114 - MIURA KOGYO KK
- [A] DE 19744008 A1 19980402 - VAILLANT JOH GMBH & CO [DE]

Designated contracting state (EPC)

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