

Title (en)
CONTROL MECHANISM FOR A COMBUSTION APPLIANCE

Title (de)
STEUERMECHANISMUS FÜR EIN VERBRENNUNGSGERÄT

Title (fr)
MÉCANISME DE COMMANDE POUR UN APPAREIL DE COMBUSTION

Publication
EP 4265965 A1 20231025 (EN)

Application
EP 22169350 A 20220422

Priority
EP 22169350 A 20220422

Abstract (en)
Control mechanism (1) for a combustion appliance (2), in particular a gas boiler, the combustion appliance (2) having a fuel gas supply line (3), the control mechanism comprising a gas sensor (4) placeable in the fuel gas supply line (3) for measuring a physical characteristic of a gas flowing in the fuel gas supply line (3), and a control unit (5) to control the operation of the combustion appliance (2), the control unit (5) being connected to the gas sensor (4) to acquire sensor data from the gas sensor (4), wherein the control unit (5) is configured to control the operation of the combustion appliance (2) after determining the gas type flowing in the fuel gas supply line (3) based on sensor data.

IPC 8 full level
F23N 1/02 (2006.01)

CPC (source: EP)
F23N 1/022 (2013.01); **F23N 5/003** (2013.01)

Citation (applicant)
DE 102018105185 A1 20190912 - EBM PAPST LANDSHUT GMBH [DE]

Citation (search report)

- [X] WO 2019170309 A1 20190912 - EBM PAPST LANDSHUT GMBH [DE]
- [X] DE 19838361 A1 19990304 - VAILLANT JOH GMBH & CO [DE]
- [X] WO 9106809 A1 19910516 - HONEYWELL INC [US]
- [X] WO 2020120699 A1 20200618 - BULANE [FR]
- [A] EP 2821705 A1 20150107 - DUNGS KARL GMBH & CO KG [DE]
- [A] WO 2019185181 A1 20191003 - SENSIRION AG [CH]

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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DOCDB simple family (application)
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