

Title (en)

GAS DETECTION METHOD FOR A GAS BOILER

Title (de)

ASDETEKTIONSVERFAHREN FÜR EINEN GASKESSEL

Title (fr)

PROCÉDÉ DE DÉTECTION DE GAZ POUR UNE CHAUDIÈRE À GAZ

Publication

**EP 4249804 A1 20230927 (EN)**

Application

**EP 22163961 A 20220324**

Priority

EP 22163961 A 20220324

Abstract (en)

Gas leakage detection method (100) for at least one combustion appliance (1), in particular a gas boiler, the method (100) comprising: determining (S101) a predicted gas consumption of the combustion appliance (1) based on the operation of said combustion appliance (1); acquiring (S102) gas measuring data based on the measurement of the quantity of combustion gas to be supplied to the combustion appliance (1); and determining (S103) the presence of a gas leakage based on the comparison between the gas measuring data and the predicted gas consumption of the combustion appliance (1).

IPC 8 full level

**F23N 5/24** (2006.01)

CPC (source: EP)

**F23N 5/242** (2013.01); **F23N 2231/18** (2020.01)

Citation (search report)

- [XII] WO 2012125022 A2 20120920 - R P VAN DER DONK BEHEER B V [NL], et al
- [XI] JP S60126517 A 19850706 - TOSHIBA ELECTRIC EQUIP
- [XI] EP 3557132 A1 20191023 - ELECTROLUX APPLIANCES AB [SE]

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)

**EP 4249804 A1 20230927**; WO 2023180540 A1 20230928

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