

Title (en)

Control device for a gas burner and gas burner

Title (de)

Regeleinrichtung für einen Gasbrenner und Gasbrenner

Title (fr)

Dispositif de contrôle pour un brûleur à gaz et brûleur à gaz

Publication

EP 1975511 A3 20140709 (DE)

Application

EP 07023307 A 20071201

Priority

DE 202007004675 U 20070330

Abstract (en)

[origin: EP1975511A2] The control device (2) has a sensor (3) such as lambda probe or oxygen sensor for the determination of air ratio of a combustion gas. The sensor is arranged between a combustion chamber (4) and an exhaust gas outlet. The sensor is arranged in a flow area between a combustion chamber and an exhaust gas outlet through which the combustion gas flows in the direction of exhaust gas outlet. The sensor is arranged in a part of the flow area, in which the combustion gas is in a hot condition remains in active connection with the hot combustion gas for heat transfer.

IPC 8 full level

F23N 5/00 (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP)

F23D 14/70 (2013.01); **F23N 5/006** (2013.01); **F23N 2900/05005** (2013.01)

Citation (search report)

- [X] EP 1271054 A2 20030102 - TOYOTA MOTOR CO LTD [JP]
- [X] GB 1475441 A 19770601 - HEIMKE G, et al
- [X] EP 0060681 A1 19820922 - HONEYWELL INC [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 202007004675 U1 20080828; EP 1975511 A2 20081001; EP 1975511 A3 20140709

DOCDB simple family (application)

DE 202007004675 U 20070330; EP 07023307 A 20071201