

Title (en)  
DEVICE FOR INDICATING THE STATUS OF A GAS BURNER

Title (de)  
EINRICHTUNG ZUR STATUSANZEIGE EINES GASBRENNERS

Title (fr)  
DISPOSITIF D'AFFICHAGE D'ÉTAT D'UN BRÛLEUR À GAZ

Publication  
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Application  
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Abstract (en)  
[origin: WO2019166124A1] The aim of the invention is to create a device for indicating the status of a gas burner, which device functions independently of the circumstances of the specific gas burner design and arrangement. This aim is achieved, according to the invention, in that the device (1), which is connected to an outlet (7a) of the gas control apparatus (4) for the gas burner (2), consists of a housing (14), which has at least two chambers connected to each other, which are separated gas-tight by a membrane (16) connected on one side to an electrically conductive component (15), wherein: the chamber A (17) is connected to the gas outlet (7a) of the gas control apparatus (4); the membrane (16), to which the gas pressure of the gas burner (2) is applied through an opening (18) in the chamber A (17) when the gas valve is open, produces a stroke; by means of the stroke, the chamber B (19), in which the side of the membrane (16) having the connected electrically conductive component (15) is positioned, closes a circuit (20) via contact elements (10) led outward and suitably (12) indicates the operating status. The device for indicating the status of a gas burner can be used in the case of gas-operated heating apparatuses having gas control apparatuses having a liquid-filled temperature controller.

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