

Title (en)

GAS BURNER SYSTEM WITH THERMOSENSOR FOR PROTECTING THE BURNER

Title (de)

GASBRENNERSYSTEM MIT THERMOSENSOR ZUM SCHUTZ DES BRENNERS

Title (fr)

SYSTÈME DE BRÛLEUR À GAZ AVEC CAPTEUR THERMIQUE POUR PROTÉGER LE BRÛLEUR

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Application

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Abstract (en)

[origin: WO2018207040A1] The invention concerns a system of a gas burner (10), especially for gas cookers, of the type wherein the burner (10) is combined with a thermocouple (30) connected, by means of an electric circuit (40), to a safety valve (50), wherein the aforementioned safety valve (50) is held in a position allowing a gas flow to the burner (10) thanks to the electric current the thermocouple (30) generates when the burner (10) flames, characterized in that the burner (10) is further combined with a non- electric thermostat (20) adapted to break the circuit (40) that connects the thermocouple (30) to the safety valve (50) whenever the temperature (T) inside the burner (10) exceeds a predetermined threshold (Ts).

IPC 8 full level

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