

Title (en)

Control circuit for a gas burner with monitoring of the combustion air supply

Title (de)

Gasbrenner-Steuerschaltung mit Überwachung der Verbrennungsluftzufuhr

Title (fr)

Circuit de commande d'un brûleur à gaz avec contrôle de l'alimentation d'air comburant

Publication

EP 0698767 B1 19961030 (DE)

Application

EP 94113184 A 19940824

Priority

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Abstract (en)

[origin: EP0698767A1] The circuit has the combustion air fan (FA) connected in series with a first diode (D04) and the rest contact (PNC) of the flow switch (PS) to an a.c. current supply (L,N). This series circuit is connected in parallel with a second series circuit contg. a charging capacitor (C05) and a first resistance (R05). The stimulation winding of a relay (RY02) is connected in series with an electronic switch (Q02), this series circuit being in parallel with the charging capacitor. The control electrode of the electronic switch (Q02) receives a signal dependent on the capacitor's (C05) charge state.

IPC 1-7

F23N 5/20; **F23N 5/24**

IPC 8 full level

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CPC (source: EP)

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Cited by

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