

Title (en)  
Improvements in the control and monitoring circuit of a conversion burner.

Title (de)  
Regelung- und Überwachungsschaltung eines Brenners.

Title (fr)  
Circuit de régulation et de sûreté d'un brûleur.

Publication  
**EP 0457232 A1 19911121 (EN)**

Application  
**EP 91107701 A 19910513**

Priority  
IT 8557190 A 19900516

Abstract (en)  
The invention relates to a number of improvements in the control and monitoring circuit of a conversion burner. The invention lies in that the opening of the regulation thermostat (Ta) causes the closing of the check valve of the fuel feeder, while the electric circuit which feeds the fan driving motor, the pump and the flame control device is still on and powered. If the photoresistance (FT) detects the flame absence, the operation of the feeding circuit, of the motor and of the flame control device is inhibited. But if the photoresistance detects the flame presence for a given period (T4) after the check valve closing, a blocking contact is activated (C2L), which cannot be manually reset and which prevents the control circuit from being reset in case the thermostat line is closed. <IMAGE>

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IPC 8 full level  
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**EP 0457232 A1 19911121**; IT 1239691 B 19931112; IT 9085571 A0 19900516; IT 9085571 A1 19911116

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