

Title (en)

CIRCUIT AND METHOD FOR MONITORING A FUEL-HEATED APPARATUS

Publication

**EP 0508081 A3 19930203 (DE)**

Application

**EP 92103323 A 19920227**

Priority

DE 4111947 A 19910412

Abstract (en)

[origin: EP0508081A2] The invention relates to a circuit arrangement and a method for monitoring a fuel-heated apparatus with a control unit (10), with at least one electrically drivable valve (16, 18) in the fuel supply line (22) to a burner (23), with a flame monitoring device (47) and with a safety circuit (32) for switching off the valve (16, 18). It is proposed that a redundant monitoring circuit (28, 36, 46, 50, 54) be provided, which is connected to the safety circuit (32) and delivers at least one safety-related signal to the same. By means of the special design of the circuit arrangement, error states can be recognised and used for switching off the system. Moreover, the drive paths can be inspected for possible errors. <IMAGE>

IPC 1-7

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IPC 8 full level

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