

Title (en)
Method and apparatus for the control of flammable fluid heating apparatus

Title (de)
Verfahren und Vorrichtung zur Regelung eines Heizgerätes für entflammbares Fluidum

Title (fr)
Procédé et dispositif de commande pour un appareil de chauffage à fluide inflammable

Publication
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Application
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Priority
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Abstract (en)
[origin: EP0727613A1] This invention provides a sensor for the depletion of oxygen in a room in which a flammable fluid heater is housed. The heater is provided with a pilot burner which is sensitive to oxygen levels and a temperature sensor (2) which senses the output from the pilot burner. The output from the temperature sensor (2) itself can be used as an indicator of oxygen depletion within the room and compared against a stored value to close off the fuel supply to the heater should the temperature sensor (2) output fall below a predetermined level. Additional features include the provision of a carbon monoxide sensor (9) linked to the heater so that the sensor is only in operation when the heater itself is turned on. Further, a second temperature sensor (14) to sense whether the appliance is in operation may be used to extinguish the pilot burner if it determines the appliance is not in use. <IMAGE>

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IPC 8 full level
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