

Title (en)

Gas fireplace monitoring and control system

Title (de)

Überwachungs- und Kontrollsystem für eine Gas-Feuerstelle

Title (fr)

Système de supervision et contrôle pour un foyer à gaz

Publication

EP 1770334 A2 20070404 (EN)

Application

EP 06254995 A 20060927

Priority

US 23864005 A 20050928

Abstract (en)

A monitoring and control system for use with a decorative heating appliance 102 such as a fireplace, stove, or fireplace insert. The monitoring and control system includes a sensor module, a computer system 104, a controller 100, and a communication system. The sensor module is configured to monitor a burner, gas valve, and ignition system of the heating appliance and generate monitoring signals. The controller is configured to generate fault condition signals based on the monitoring signals. The communication system is configured to communicate the fault condition signals to the computer system 104, wherein the computer system is located remotely from a living space within which the heating appliance 102 resides. The computer system is configured to generate control signals in response to predetermined fault condition signals and communicate those signals to the controller 100 via the communication system for control of at least one of the burner, gas valve, and ignition system or other functions of the heating appliance 100.

IPC 8 full level

F24C 3/12 (2006.01); **F24B 1/18** (2006.01)

CPC (source: EP US)

F24B 1/1808 (2013.01 - EP US); **F24C 3/122** (2013.01 - EP US)

Cited by

EP2985531A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1770334 A2 20070404; CA 2561120 A1 20070328; US 2007068511 A1 20070329

DOCDB simple family (application)

EP 06254995 A 20060927; CA 2561120 A 20060927; US 23864005 A 20050928