

Title (en)

Method and apparatus for visually detecting a burner flame of a gas appliance

Title (de)

Verfahren und Vorrichtung zur visuellen Erkennung einer Brennerflamme in einem Gasgerät

Title (fr)

Procédé et dispositif pour détecter visuellement la flamme d'un brûleur dans un appareil à gaz

Publication

**EP 1479974 A1 20041124 (EN)**

Application

**EP 04011603 A 20040515**

Priority

- US 47100903 P 20030516
- US 84461704 A 20040512

Abstract (en)

An apparatus for detecting the presence of a burner flame of a gas appliance includes a detection element for optically detecting the burner flame. The detection element is positioned adjacent to a location of the burner flame. The apparatus additionally includes a display element positioned remotely from the detection element. The display element is operative in a first mode to indicate the presence of a burner flame and a second mode to indicate the absence of a burner flame. The apparatus further includes a transmission element connecting the detection element and the display element. The transmission element causes the display element to operate in the first mode when the detection element optically detects the burner flame. <IMAGE>

IPC 1-7

**F23N 5/24**

IPC 8 full level

**F23N 5/24** (2006.01)

CPC (source: EP US)

**F23N 5/242** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE NL

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