

Title (en)

Use of safe fuel in wicked open geometry devices

Title (de)

Verwendung von Sicherem Brennstoff in Dochtvorrichtungen mit offener Geometrie

Title (fr)

Utilisation d'un combustible sans danger dans des dispositifs à géométrie ouverte à effet de mèche

Publication

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Application

EP 14190050 A 20141023

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Abstract (en)

The present invention relates to a combination of a safe fuel and a ventless fireplace, or more in general, an open geometry wicked device. Open geometry wicked devices, such as so-called "ventless fireplaces" (or ventless ovens or ventless burners), burn gel or liquid fuel, and exist in a variety of forms. Such devices typically have several advantages over various more traditional fireplaces in that these cleanly burn their fuel (contrary to paraffin and oil based burners and solid material based burners, such as coal or wood burners, and also contrary to fuel containing additives which lead to undesirable by-products), are often portable, and may not require installation. Such fireplaces burn gel or liquid fuel that is dispensed from a fuel container into a fuel reservoir where the burning occurs. To avoid safety problems, the present invention is directed to a product comprising a specific fuel and a wicked burner.

IPC 8 full level

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Citation (search report)

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