

Title (en)

An improved heating appliance.

Title (de)

Heizgerät.

Title (fr)

Appareil de chauffage.

Publication

**EP 0153281 A2 19850828 (EN)**

Application

**EP 85830024 A 19850205**

Priority

IT 2079684 U 19840209

Abstract (en)

A heating appliance (1) comprises a body (2) defining a combustion chamber (3) within which are located burners (4) of a type which rely on atmospheric air drawn into the appliance for support of combustion of the fuel supplied to the burners. The opening in the body (2) through which air to support combustion is drawn is closed by two panels (5, 6) each having respective sets of apertures (7, 8) which are located in such a way as not to be in alignment with one another to create a slight resistance to air flow thereby avoiding the chimney effect of the appliance when the burners (4) are not in operation. The presence of the panels (5, 6) also serves to prevent the loss of heat by radiation from the burners (4) through what would otherwise be an opening in the body (2), and heating of the panels (5, 6) by such radiation is recovered by conduction to the incoming air during operation of the burners.

IPC 1-7

**F23C 7/02**; **F23M 9/04**; **F23M 5/00**

IPC 8 full level

**F23C 7/02** (2006.01); **F23M 5/00** (2006.01); **F23M 9/04** (2006.01)

CPC (source: EP)

**F23C 7/02** (2013.01); **F23M 5/00** (2013.01); **F23M 9/04** (2013.01)

Cited by

DE3914222A1; EP3045812A1; AT400073B; AT399030B

Designated contracting state (EPC)

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**EP 0153281 A2 19850828**; **EP 0153281 A3 19860507**; IT 8420796 V0 19840209

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