

Title (en)
Heating appliance.

Title (de)
Heizapparat.

Title (fr)
Appareil de chauffage.

Publication
EP 0164221 A1 19851211 (EN)

Application
EP 85303265 A 19850509

Priority
DE 8414235 U 19840510

Abstract (en)
The appliance (1) has a gas burner (10) and a control valve (11) for regulating, and turning on and off, the supply of gas to the burner. The appliance is constructed in the form of a heat radiator having a U-shaped radiator tube (2, 3, 4). The gas burner (10) is positioned at one open end of the radiator tube to burn gas in the tube and a scavenging fan (12) is positioned, alongside the gas burner (10), at the other open end of the radiator tube to scavenge the radiator tube of any explosive gases prior to igniting the gas burner (10). The gas burner (10) is operated periodically under the control of the control valve (11) to heat the radiator tube (2, 3, 4) and the radiator tube is of strong-walled construction with a weight of more than 2.5 g/cm² relative to its generated surface.

IPC 1-7
F23D 14/00

IPC 8 full level
F23C 3/00 (2006.01); **F23D 14/00** (2006.01); **F24C 3/06** (2006.01); **F24D 5/08** (2006.01)

CPC (source: EP)
F23C 3/002 (2013.01); **F24C 3/062** (2013.01); **F24D 5/08** (2013.01)

Citation (search report)

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- GB 2004638 A 19790404 - AICHELIN FA J
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- DE 2308641 A1 19730913 - EUROP EQUIP MENAGER

Cited by
EP1162279A1; FR2809746A1; FR2609157A1; EP0232990A1; US6627145B2

Designated contracting state (EPC)
AT BE CH DE FR LI NL

DOCDB simple family (publication)
EP 0164221 A1 19851211; **EP 0164221 B1 19870415**; AT E26612 T1 19870515; DE 3560124 D1 19870521; DE 8414235 U1 19840802

DOCDB simple family (application)
EP 85303265 A 19850509; AT 85303265 T 19850509; DE 3560124 T 19850509; DE 8414235 U 19840510