

Title (en)

Heating appliance with a sound insulated intake system

Title (de)

Heizeinrichtung mit einem schallgedämpften Ansaugsystem

Title (fr)

Appareil de chauffage comprenant un système d'admission insonorisé

Publication

**EP 1635116 A2 20060315 (DE)**

Application

**EP 05107481 A 20050815**

Priority

DE 102004044332 A 20040909

Abstract (en)

The device has a burner (20) arranged in a combustion chamber (19). A suction system (25) supplies a fuel-air-mixture to the burner. Hot gas is produced by burning the mixture using the burner. The gas is led through a heat exchanger (15) and is discharged as an exhaust gas by an exhaust gas system. A part of the suction system has a wall (30) made of a sound-absorbing material e.g. a metal foam or a gas concrete.

IPC 8 full level

**F23M 20/00** (2014.01)

CPC (source: EP)

**F23M 20/005** (2015.01)

Citation (applicant)

- DE 2263471 C3 19751127
- DE 19730254 C2 20020103 - VAILLANT JOH GMBH & CO [DE]
- DE 10246596 A1 20040415 - EBERSPAECHER J GMBH & CO [DE]

Cited by

EP4253865A1; DE102007053028A1; US2010297568A1; DE102007053028B4; US8753109B2; EP3524882A1

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

DOCDB simple family (publication)

**EP 1635116 A2 20060315; EP 1635116 A3 20060405**; DE 102004044332 A1 20060330

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**EP 05107481 A 20050815**; DE 102004044332 A 20040909