

Title (en)

Heating appliance with premix burner

Title (de)

Heizgerät mit einem durch ein Brennstoff-Luftgemisch gespeisten Brenner

Title (fr)

Appareil de chauffage avec brûleur à prémélange

Publication

**EP 1099906 B1 20040211 (DE)**

Application

**EP 00122574 A 20001017**

Priority

DE 19954287 A 19991111

Abstract (en)

[origin: EP1099906A1] The heater has a burner fed by a fuel-air mixture, and a mixer chamber (16) in front of the burner. The fuel is mixed with the combustion air in the mixer chamber. The combustion air is conveyed via a suction part (10) into the mixer chamber. The suction duct has at least two inlets for the combustion air, and a further central opening in which is a fuel feeder pipe (18).

IPC 1-7

**F23D 14/46**; **F23D 14/62**

IPC 8 full level

**F23D 14/46** (2006.01); **F23D 14/62** (2006.01)

CPC (source: EP)

**F23D 14/46** (2013.01); **F23D 14/62** (2013.01); **F23D 2210/00** (2013.01)

Cited by

CN103228989A; EP1486727A1; US2010297568A1; DE102007053028B4; US8753109B2; WO2012069534A1; WO202077526A1; WO2009059703A1

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**EP 1099906 A1 20010516**; **EP 1099906 B1 20040211**; CN 1135320 C 20040121; CN 1298073 A 20010606; DE 19954287 A1 20010621; DE 19954287 C2 20011011; DE 50005254 D1 20040318; ES 2215540 T3 20041016

DOCDB simple family (application)

**EP 00122574 A 20001017**; CN 00135306 A 20001111; DE 19954287 A 19991111; DE 50005254 T 20001017; ES 00122574 T 20001017