

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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