

Title (en)
Premixing gas burner.

Title (de)
Vormischgasbrenner.

Title (fr)
Brûleur à gaz prémélangé.

Publication
EP 0434599 B1 19940202 (DE)

Application
EP 90710038 A 19901221

Priority
AT 291589 A 19891222

Abstract (en)
[origin: EP0434599A1] Premixing gas burner for a fuel-heated heat source with a combustion chamber, with at least one burner pipe, one mixing pipe and one gas nozzle which, drawing in primary air, injects gas into the mixing pipe, and with a blower in the incoming air or the waste gas guide. A mixing nozzle (29) is connected downstream of the gas nozzle (21) and forms the outlet, leading to the mixing pipe (4), of a mixing chamber (28), to which the air pipe (31) provided with the blower (30) is connected. The combustion chamber (2) forms a secondary air inlet (15) which can be closed by a flap (16). <IMAGE>

IPC 1-7
F23D 14/64; **F23N 3/08**

IPC 8 full level
F23D 14/10 (2006.01); **F23D 14/60** (2006.01)

CPC (source: EP)
F23D 14/105 (2013.01); **F23D 14/60** (2013.01)

Cited by
EP0959300A3; EP0596555A1

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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EP 0434599 A1 19910626; **EP 0434599 B1 19940202**; AT 393888 B 19911227; AT A291589 A 19910615; AT E101252 T1 19940215; DE 59004514 D1 19940317; DE 9017295 U1 19910314

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