

Title (en)
Burner for gaseous fuel

Title (de)
Brenner für gasförmigen Brennstoff

Title (fr)
Brûleur à combustible gazeux

Publication
EP 0650015 B1 19980304 (EN)

Application
EP 94203048 A 19941020

Priority
NL 9301845 A 19931026

Abstract (en)
[origin: EP0650015A1] Burner for gaseous fuel with adjustable fuel flow, comprising a mixing chamber (2) for mixing the fuel with an oxidation gas, a combustion chamber (3) for burning the gas mixture formed in the mixing chamber and a dividing wall (1) between mixing chamber and combustion chamber, the said dividing wall being provided with a burner deck (4) and with throughgoing channels (7) for conveyance of the gas mixture from the mixing chamber to the burner deck, wherein the channels all begin in one and the same plane on the side of the dividing wall which faces the mixing chamber and end in one and the same plane on the side of the dividing wall which faces the combustion chamber, each channel having a travel time for sound waves and there being at least one channel with a shortest travel time and at least one channel with a longest travel time different from the shortest travel time, the travel times being spread between the longest and the shortest travel time. <IMAGE>

IPC 1-7
F23D 14/58; **F23D 14/46**

IPC 8 full level
F23D 14/46 (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)
F23D 14/46 (2013.01); **F23D 14/58** (2013.01); **F23D 2210/00** (2013.01)

Cited by
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