

Title (en)
Gas burner

Title (de)
Gasbrenner

Title (fr)
Brûleur à gaz

Publication
EP 1840458 B1 20170823 (DE)

Application
EP 07004535 A 20070306

Priority
DE 102006014082 A 20060328

Abstract (en)
[origin: EP1840458A2] The burner has a housing, and a combustion air blower (3) for delivering the combustion air. A mixing chamber (5) is provided for mixing the combustion air and gas. A burner surface (6) is provided for inflow of ignitable gas-air-mixture into the combustion chamber. An additional secondary air blower (7) delivers the secondary air and guides the secondary air into the combustion chamber through a secondary air inlet (8). The secondary air inlet has multiple secondary air openings, which are arranged in an edge area between the combustion surface and combustion chamber walls.

IPC 8 full level
F23C 7/02 (2006.01); **F23D 14/64** (2006.01); **F23L 9/00** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP US)
F23C 7/02 (2013.01 - EP); **F23D 14/64** (2013.01 - EP); **F23L 9/00** (2013.01 - EP US); **F23N 5/242** (2013.01 - EP); **F23D 2208/00** (2013.01 - EP); **F23N 2225/16** (2020.01 - EP)

Designated contracting state (EPC)
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