

Title (en)
Gas Burner

Title (de)
Gasbrenner

Title (fr)
Brûleur à gaz

Publication
EP 1496309 A3 20060614 (EN)

Application
EP 04253731 A 20040622

Priority
GB 0315891 A 20030708

Abstract (en)
[origin: EP1496309A2] A gas burner (22) for use with a cylindrical heat exchanger having a substantially circular inlet aperture includes a circular burner head (24) having a circular entry side face (26) and an opposite circular exit side face (28), the burner head (24) being made of a ceramic material through which a gas and air mixture may pass from the entry side face (26) to the exit side face (28). The gas burner (22) includes means for introducing a gas and air mixture to the entry side face (26) of the burner head (24) so that the mixture may pass through the burner head (24) and burn on exiting from the exit side face (26) of the burner head (24). The gas burner (22) further includes a baffle plate (36) having a plurality of orifices (37) and is locatable on the entry side face (26) of the burner head (24). The gas burner (24) also includes a body member (40) which includes means for connecting the burner head (24) and the baffle plate (36) to the cylindrical heat exchanger over the inlet aperture.

IPC 8 full level
F23D 14/02 (2006.01); **F23D 14/46** (2006.01); **F23D 14/70** (2006.01); **F24H 1/43** (2006.01)

CPC (source: EP)
F23D 14/02 (2013.01); **F23D 14/46** (2013.01); **F23D 14/70** (2013.01); **F24H 1/43** (2013.01); **F23D 2203/1023** (2013.01); **F23D 2212/10** (2013.01)

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