

Title (en)
Burner

Title (de)
Brenner

Title (fr)
Brûleur

Publication
EP 1985922 B1 20100922 (EN)

Application
EP 08008063 A 20080425

Priority
JP 2007119829 A 20070427

Abstract (en)
[origin: EP1985922A2] The object is to provide a burner 1 capable of taking in sufficient primary air without using a fan, and being preferably used as an all-primary air burner. The burner 1 includes a burner main body 2 having a mixing pipe 4 to which a fuel gas and combustion air are supplied, and a mixing chamber 6 is provided at a top end on the downstream side of the mixing pipe 4, and a burner head 3, which is provided at an upper part of the burner main body 2. The burner head communicates with the mixing chamber 6 and ejects the mixed gas of the fuel gas and air for combustion mixed in the mixing chamber. The burner head 3 is in a cylindrical shape and provided right above the mixing chamber 6 of the burner main body 2. The burner head 3 has many first and second burner ports 15 and 16 bored around an almost whole periphery of a side face thereof. , Further, the mixing pipe 4 is provided to direct in a direction where the mixing pipe 4 is crossed with an axis line of the burner head 3 at substantially right angles to each other.

IPC 8 full level
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