

Title (en)
BURNER, ESPECIALLY A BURNER FOR BURNING LIQUID FUEL IN THE GASEOUS STATE

Publication
EP 0166329 B1 19880914 (DE)

Application
EP 85107391 A 19850614

Priority
CH 304984 A 19840625

Abstract (en)
[origin: EP0166329A2] 1. Burner, particularly burner for the combustion of liquid fuel in the gaseous state, comprising a gasification chamber (11) formed by a housing (13), and a rotor (33) located in the gasification chamber (11), said rotor (33) being provided with blades (31) and capable of being driven by a motor (37), said gasification chamber (11) comprising inlet means (41, 43 ; 45) for fuel and air, a wall surface (12) capable of being heated electrically and/or by the flame of the burner for evaporating the fuel, and means (29) for discharging the produced fuel/air mixture, characterized in that the blades (31) of the rotor (33) extend radially to the proximity of the heatable wall surface (12).

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F23D 11/06; **F23D 11/44**

IPC 8 full level
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CPC (source: EP)
F23D 11/005 (2013.01); **F23D 11/06** (2013.01); **F23D 11/441** (2013.01)

Cited by
EP1519110A1; CH696153A5; US5147200A; EP3128233A1; US4712997A; CN103644579A; CN105202593A; EP1394102A1; EP0598619A1; US5044935A; EP0283435A1; US4957427A; CN102256819A; WO2010078606A3; WO9960306A1

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