

Title (en)
Burner

Title (de)
Brenner

Title (fr)
Brûleur

Publication
EP 1245901 A1 20021002 (EN)

Application
EP 02006779 A 20020325

Priority
IT BO20010178 A 20010326

Abstract (en)
A burner (1), a combustion head (2) of which, fitted inside a combustion chamber (4), has a tubular body (5) for supplying a liquid combustion supporter, and having, at an outlet end, a tubular nozzle (7) having a central outlet (8) and a tapered annular wall (9) tapering towards the central outlet (8); the tubular body (5) being fitted through with a liquid fuel supply pipe (18), which terminates inside the nozzle (7) with a number of diverging outlet conduits (31), each of which is oriented towards a respective opening (10) formed through the tapered annular wall (9) of the nozzle (7), connected to the central outlet (8), and having a substantially tubular, axial peripheral shell (11). <IMAGE>

IPC 1-7
F23D 11/40; **F23C 9/00**

IPC 8 full level
F23C 9/00 (2006.01); **F23D 11/40** (2006.01)

CPC (source: EP)
F23C 9/006 (2013.01); **F23D 11/40** (2013.01)

Citation (search report)
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• [A] DE 19542373 A1 19960515 - RBL SPA [IT]
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DE102017114570A1; EP1783426A1; EP1754937A3; DE102017114570B4; EP2037173A1; WO2024018424A1

Designated contracting state (EPC)
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