

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)  
• [AD] US 5015174 A 19910514 - DREIZLER WALTER [DE], et al  
• [A] DE 9321525 U1 19990128 - ELCO KLOECKNER HEIZTECH GMBH [DE]  
• [A] DE 19542373 A1 19960515 - RBL SPA [IT]  
• [A] DE 2821932 A1 19791122 - BODEMER KARL

Cited by  
DE102017114570A1; EP1783426A1; EP1754937A3; DE102017114570B4; EP2037173A1; WO2024018424A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1245901 A1 20021002**; IT BO20010178 A0 20010326; IT BO20010178 A1 20020926

DOCDB simple family (application)  
**EP 02006779 A 20020325**; IT BO20010178 A 20010326