

Title (en)
BURNER FOR LIQUID FUEL

Title (de)
BRENNER FÜR FLÜSSIGE BRENNSTOFFE

Title (fr)
BRULEUR DESTINE A DES COMBUSTIBLES LIQUIDES

Publication
EP 1110033 A1 20010627 (DE)

Application
EP 99936224 A 19990813

Priority
• CH 9900376 W 19990813
• CH 178398 A 19980901

Abstract (en)
[origin: US6540505B1] A burner for liquid fuel has an electric heating device for start up heating a fuel vaporization chamber to a selected temperature, a flame retention baffle being fitted on the vaporization chamber with a temperature sensor sensing temperature of the vaporization. When the vaporization chamber is heated to a desired temperature of about 350 degrees celsius by deflected hot exhaust gas products from the burner operation and such temperature is sensed, the sensor outputs a signal so that the electric heating device can be shut down, vaporization chamber heating then being maintained by the deflected hot exhaust gas flow.

IPC 1-7
F23D 11/44; **F23D 5/18**

IPC 8 full level
F23D 11/40 (2006.01); **F23D 11/44** (2006.01)

CPC (source: EP US)
F23D 11/406 (2013.01 - EP US); **F23D 11/445** (2013.01 - EP US); **F23D 11/448** (2013.01 - EP US)

Cited by
DE102009043681A1; DE102009043681B4; DE202009018149U1

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

DOCDB simple family (publication)
WO 0012935 A1 20000309; AT E260442 T1 20040315; AU 5145599 A 20000321; CA 2341549 A1 20000309; CA 2341549 C 20051101; DE 19981766 D2 20011122; DE 59908661 D1 20040401; DK 1110033 T3 20040705; EP 1110033 A1 20010627; EP 1110033 B1 20040225; HR P20010143 A2 20030630; US 6540505 B1 20030401

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