

Title (en)

Fuel supply pipe system for a heating device, in particular car heating device

Title (de)

Brennstoffzufuhrleitungssystem bei einem Heizgerät, insbesondere Fahrzeugheizgerät

Title (fr)

Système de conduite d'alimentation en carburant pour un dispositif de chauffage, en particulier dispositif de chauffage pour voiture

Publication

EP 1544543 A3 20081231 (DE)

Application

EP 04023242 A 20040929

Priority

DE 10360009 A 20031219

Abstract (en)

[origin: EP1544543A2] Fuel (46) is pumped toward the heater (10) through a large bore tube (36). A plug (38) in the end of the tube has bores for three narrow bore tubes carrying fuel to different parts of the combustion system. The first tube (38) feeds into an igniter with a glow plug (30) in a small chamber (26) with a sintered or a fibrous wall (32). The igniter discharges (28) into a main combustion chamber (22) with a sintered or a fibrous wall (22) promoting evaporation of the fuel. The remaining two narrow bore feed tubes (40,42) discharge (50,52) into the main combustion chamber in different places.

IPC 8 full level

F23K 5/04 (2006.01); **F23K 5/14** (2006.01)

CPC (source: EP)

F23K 5/04 (2013.01); **F23K 5/14** (2013.01); **F23K 2300/20** (2020.05)

Citation (search report)

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EP1752323A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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