

Title (en)

Fuel supply apparatus for mobile heating device

Title (de)

Brennstoffzuführeinrichtung für ein mobiles Heizgerät

Title (fr)

Dispositif d'alimentation en carburant pour système de chauffage mobile

Publication

EP 1239221 A3 20021002 (DE)

Application

EP 02004609 A 20020228

Priority

DE 10111004 A 20010307

Abstract (en)

[origin: EP1239221A2] The fuel supply appliance has at least one chamber (20,22) into which leads a fuel-pipe (24) with an admission pressure section (26), and from which leads a pipe (28A,B) with an ultimate pressure section (28). Between the admission and ultimate pressure sections is a dispenser (10) possessing a movable piston (18) movably mounted in a cylinder (12,14). The two chambers with changeable volume are on opposite ends of the piston. The dispenser directly raises the fuel's ultimate pressure to that required by the burner.

IPC 1-7

F23K 5/04; **F23K 5/14**; **F04B 7/04**; **B60H 1/22**

IPC 8 full level

B60H 1/22 (2006.01); **F04B 7/04** (2006.01); **F21S 8/04** (2006.01); **F23K 5/04** (2006.01); **F23K 5/14** (2006.01)

CPC (source: EP)

F04B 7/04 (2013.01); **F23K 5/142** (2013.01)

Citation (search report)

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- [DY] DE 19822872 A1 19991202 - EBERSPAECHER J GMBH & CO [DE]
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- [A] US 3884125 A 19750520 - MASSIE PHILIP E
- [E] DE 10045281 C1 20020523 - ORANGE GMBH [DE]

Cited by

EP1555435A3; US7621726B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1239221 A2 20020911; **EP 1239221 A3 20021002**; **EP 1239221 B1 20050615**; **EP 1239221 B8 20050810**; DE 10111004 A1 20020926; DE 50203392 D1 20050721

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