

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)

- [XY] US 5051074 A 19910924 - COWAN PHILIP L [US]
- [DY] DE 19822872 A1 19991202 - EBERSPAECHER J GMBH & CO [DE]
- [X] DE 20019406 U1 20010118 - ATESO A S [CZ]
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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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