

Title (en)

DEVICE FOR THE THERMAL TREATMENT OF VISCOUS FUEL FOR INTERNAL COMBUSTION ENGINES

Title (de)

VORRICHTUNG ZUR THERMISCHEN BEHANDLUNG VON VISKOSEN TREIBSTOFFEN FÜR  
BRENNKRAFTMASCHINEN-----

Title (fr)

DISPOSITIF DE TRAITEMENT THERMIQUE DE CARBURANTS VISQUEUX POUR MOTEURS A COMBUSTION INTERNE

Publication

**EP 1362178 A1 20031119 (DE)**

Application

**EP 02719819 A 20020213**

Priority

- EP 02719819 A 20020213
- EP 0201488 W 20020213
- EP 01103353 A 20010213

Abstract (en)

[origin: EP1233171A1] The thermal treatment device has a hollow chamber (2) inserted in the fuel feed line (3,4,5) for the IC engine, through which the fuel is passed in contact with a heat exchanger surface (6) connected to the engine coolant circuit. An electric heating device (7), supplied from the automobile battery (14), is contained in the hollow chamber and operated automatically via a thermostat or a time switch.

IPC 1-7

**F02M 31/10**; **F02M 31/125**

IPC 8 full level

**F02D 33/00** (2006.01); **F02M 31/10** (2006.01); **F02M 31/125** (2006.01); **F02M 37/00** (2006.01)

CPC (source: EP US)

**F02D 33/006** (2013.01 - EP US); **F02M 31/10** (2013.01 - EP US); **F02M 31/125** (2013.01 - EP US); **F02M 37/0064** (2013.01 - EP); **F02M 37/0035** (2013.01 - EP); **Y02T 10/12** (2013.01 - EP)

Citation (search report)

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