

Title (en)  
FUEL HEATING DEVICE HAVING A HEATING DEVICE

Title (de)  
KRAFTSTOFFHEIZEINRICHTUNG MIT HEIZEINRICHTUNG

Title (fr)  
DISPOSITIF DE CHAUFFAGE DE CARBURANT COMPRENANT UN DISPOSITIF DE CHAUFFAGE

Publication  
**EP 3384150 A1 20181010 (DE)**

Application  
**EP 16805371 A 20161129**

Priority  
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Abstract (en)  
[origin: WO2017093269A1] The invention relates to a fuel heating device that can be used for cold starting motor vehicles, for example. The fuel heating device (5) comprises a fuel inlet (6) and at least one fuel outlet (7). The fuel heating device (5) further comprises at least one inner chamber (9), which is installed between the fuel inlet (6) and the fuel outlet (7) thereof. In said inner chamber (9), at least one heat exchanger (10) is installed, wherein the heat exchanger (10) has at least one first and one second heating element (11A, 11 B), which are inserted in an opening in the interior of the heat exchanger. In the opening of the heat exchanger, the heat exchanger (10) also comprises a first electrical conductor (12A) that is in electrical contact with the first heating element (11A), and a second electrical conductor (13) that is in electrical contact with the outer surface of the heat exchanger (10). Furthermore, the heat exchanger (10) has a circular cross-section.

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