

Title (en)
ELECTRICAL HEATING DEVICE FOR VEHICLES

Title (de)
ELEKTRISCHE ERWÄRMUNGSVORRICHTUNG FÜR FAHRZEUGE

Title (fr)
DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE POUR VÉHICULES

Publication
EP 2462339 A1 20120613 (EN)

Application
EP 10806705 A 20100726

Priority
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• SE 2010000197 W 20100726

Abstract (en)
[origin: WO2011016763A1] Electrical heating device for heating a liquid in a vehicle, consisting of a container (15) and a heating plate (24), where the container (15) is produced from a thermoplastic material such as PA66 and where the heating plate (24) contains a number of PTC elements which are connected to an electrical energy source. The container (15) is connected to the system for the liquid with connection nipples (16, 17) arranged on the intermediate sides (37, 40) of the container (15).

IPC 8 full level
F01M 5/02 (2006.01); **F02N 19/10** (2010.01); **F24H 1/12** (2006.01); **H05B 3/40** (2006.01)

CPC (source: EP SE)
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Cited by
WO2015137818A1; WO2015137822A1; WO2015137817A1; EP3594468A1

Designated contracting state (EPC)
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