

Title (en)  
DEVICE FOR ELECTRICALLY HEATING FLUID FOR A MOTOR VEHICLE, AND ASSOCIATED HEATING CIRCUIT AND HEATING AND/OR AIR  
CONDITIONING APPARATUS

Title (de)  
VORRICHTUNG ZUR ELEKTRISCHEN ERWÄRMUNG EINER FLÜSSIGKEIT FÜR EIN KRAFTFAHRZEUG, ZUGEHÖRIGER HEIZZYKLUS  
SOWIE HEIZ- UND/ODER KLIMATISIERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE DE FLUIDE POUR VÉHICULE AUTOMOBILE, CIRCUIT DE CHAUFFAGE ET APPAREIL DE  
CHAUFFAGE ET/OU DE CLIMATISATION ASSOCIÉS

Publication  
**EP 2892742 A1 20150715 (FR)**

Application  
**EP 13756402 A 20130827**

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Abstract (en)  
[origin: WO2014037243A1] The invention concerns a device for electrically heating fluid for a motor vehicle, comprising: - at least one heating body (13a; 13b), - a means for controlling the heating body (13a; 13b), and - an electrical connection means (330) comprising an electrical connector (347) electrically connecting the heating body (13a; 13b) to the control means. The electrical connection means (330) comprises at least one current interrupting means (307) capable of: - mechanically and electrically connecting the electrical connector (347) to the heating body (13a; 13b) when the temperature of the heating body (13a; 13b) is lower than a predefined temperature threshold, and - opening the current circuit between the electrical connector (347) and the heating body (13a; 13b) when the temperature of the heating body (13a; 13b) reaches the predefined temperature threshold. The invention also concerns a heating circuit and a heating and/or air conditioning apparatus comprising such a device.

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Citation (search report)  
See references of WO 2014037243A1

Citation (examination)  
• FR 2875067 A1 20060310 - PEUGEOT CITROEN AUTOMOBILES SA [FR]  
• EP 1366937 A2 20031203 - BEHR GMBH & CO [DE]  
• EP 1872986 A1 20080102 - CATEM GMBH & CO KG [DE]

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