

Title (en)

HEATING SYSTEM FOR USE IN A VEHICLE

Title (de)

HEIZSYSTEM ZUR VERWENDUNG IN EINEM FAHRZEUG

Title (fr)

SYSTÈME DE CHAUFFAGE DESTINÉ À ÊTRE UTILISÉ DANS UN VÉHICULE

Publication

EP 2150433 A4 20110330 (EN)

Application

EP 08825861 A 20080514

Priority

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- SE 0701183 A 20070515

Abstract (en)

[origin: WO2008147305A1] The present invention relates to a heating system for a vehicle, the vehicle comprising an energy converter, a first cooling medium circuit for carrying a first cooling medium, said cooling medium of said first cooling medium circuit being arranged to absorb and/or dissipate heat to and/or from said energy converter, and a second cooling medium circuit for carrying a second cooling medium, wherein said system includes resistor means arranged to be connected to at least one source of electrical power and arranged in thermal communication with cooling medium of said first cooling circuit for, at least in a heating mode, heating the said first cooling medium by means of heat dissipated when connected to said electrical power source. The said resistor means is further being arranged to be in thermal communication with cooling medium of said second cooling medium circuit for, at least in a heating mode, heating the said second cooling medium, and wherein said cooling medium of said second cooling medium circuit is arranged to dissipate heat to a passenger compartment of said vehicle. The invention also relates to a vehicle.

IPC 8 full level

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Citation (search report)

- [XI] US 6040561 A 20000321 - MURTY BALARAMA VEMPATY [US]
- [XA] US 2002125859 A1 20020912 - TAKEO YUJI [JP], et al
- [A] EP 0758591 A1 19970219 - MITSUBISHI MOTORS CORP [JP]
- See references of WO 2008147305A1

Cited by

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