

Title (en)
THERMAL MANAGEMENT SYSTEM, VEHICLE AND METHOD FOR OPERATING TWO COOLING CIRCUITS OF A THERMAL MANAGEMENT SYSTEM

Title (de)
THERMOMANAGEMENTSYSTEM, FAHRZEUG UND VERFAHREN ZUM BETREIBEN ZWEIER KÜHLKREISLÄUFE EINES THERMOMANAGEMENTSYSTEMS

Title (fr)
SYSTÈME DE GESTION THERMIQUE, VÉHICULE ET PROCÉDÉ POUR FAIRE FONCTIONNER DEUX CIRCUITS DE REFROIDISSEMENT D'UN SYSTÈME DE GESTION THERMIQUE

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Abstract (en)
[origin: WO2021009309A1] The invention relates to a thermal management system (2) for use in a vehicle, according to which the coolant flows of two cooling circuits (4, 6) can be mixed with each other as required by means of a multi-way valve (14) at an interface between a first cooling circuit (4) for a battery (10) and a second cooling circuit (6) for an electric motor (12) for driving the vehicle. The invention also relates to a vehicle with such a thermal management system as well as to a method for operating two cooling circuits (4, 6) of such a thermal management system.

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