

Title (en)

COOLING DEVICE FOR A HYBRID VEHICLE

Title (de)

KÜHLVORRICHTUNG FÜR EIN HYBRIDFAHRZEUG

Title (fr)

DISPOSITIF DE REFROIDISSEMENT POUR VEHICULE HYBRIDE

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Application

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Abstract (en)

[origin: WO2011045496A1] The invention relates to a device for cooling the heat engine (10), electrical components (26, 14, 28), and an electrical power storage means (18) of a hybrid vehicle, said device including a first circuit (60, HT) for cooling the heat engine, a second circuit (BT) for cooling the electrical components, and a third circuit (78, TBT) for cooling the electrical power storage means, a heat transfer fluid being capable of flowing inside said circuits, comprising heat exchange means (46, 48, 52). According to the invention, the heat exchange means consist of a heat exchanger (88) that is separated into three portions, and the device comprises a means for placing the first circuit in communication with the third circuit, the means being actuated on the basis of the temperature of the heat transfer fluid and on the basis of the flow of the heat transfer fluid inside the first circuit. The invention also relates to radiator for a hybrid vehicle.

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