

Title (en)

THERMAL BATTERY, IN PARTICULAR FOR A MOTOR VEHICLE, AND CORRESPONDING USE

Title (de)

THERMISCHE BATTERIE, INSBESONDERE FÜR EIN KRAFTFAHRZEUG, UND ENTSPRECHENDE VERWENDUNG

Title (fr)

BATTERIE THERMIQUE, NOTAMMENT POUR VÉHICULE AUTOMOBILE, ET UTILISATION CORRESPONDANTE

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Application

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Abstract (en)

[origin: WO2016146851A1] The invention relates to a thermal battery (1), in particular for a motor vehicle, configured for a heat-transfer fluid to pass therethrough, and comprising a heat-storage material. According to the invention, the thermal battery (1) comprises: at least one first heat-exchange compartment (3A) and at least one separate second heat-exchange compartment (3B), each heat-exchange compartment (3A, 3B) being in fluid communication with an associated intake (17) and an associated outlet (19) for a dedicated heat-transfer fluid, and also comprising an associated heat-storage material, for a heat exchange between the dedicated heat-transfer fluid and the associated heat-storage material. The invention also relates to the use of such a thermal battery (1) in at least two separate heat-management loops, in particular in a motor vehicle.

IPC 8 full level

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