

Title (en)

MOTOR VEHICLE THERMAL MANAGEMENT DEVICE

Title (de)

WÄRMEVERWALTUNGSVORRICHTUNG FÜR KRAFTFAHRZEUG

Title (fr)

DISPOSITIF DE GESTION THERMIQUE POUR VEHICULE AUTOMOBILE

Publication

EP 1966473 A1 20080910 (FR)

Application

EP 06820321 A 20061019

Priority

- FR 2006051065 W 20061019
- FR 0513426 A 20051228

Abstract (en)

[origin: FR2895450A1] The heat management system for a motor vehicle with a preferably supercharged internal combustion engine with main and secondary cooling circuits and interconnection differs by having the first and second inlets (21a, 21b) of the main radiator (2) first section (21) connected respectively to first and second pipes (112, 113) of the high-temperature loop (11), and the first inlet (22a) of the second section (22) connected to the low-temperature loop (31) and to the first section's first inlet via the fluid communication system (27). The interconnection system comprises a series of four-way valves (4) connected to the radiator inlets and the low-temperature loop.

IPC 8 full level

F01P 7/16 (2006.01)

CPC (source: EP)

F01P 7/165 (2013.01); **F28D 1/0443** (2013.01); **F01P 2060/02** (2013.01)

Citation (search report)

See references of WO 2007074249A1

Cited by

FR3079558A1; WO2019185663A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2895450 A1 20070629; FR 2895450 B1 20080307; AT E427416 T1 20090415; DE 602006006096 D1 20090514; EP 1966473 A1 20080910; EP 1966473 B1 20090401; WO 2007074249 A1 20070705

DOCDB simple family (application)

FR 0513426 A 20051228; AT 06820321 T 20061019; DE 602006006096 T 20061019; EP 06820321 A 20061019; FR 2006051065 W 20061019