

Title (en)

Cooling system and thermostat device for motor vehicle

Title (de)

Kühlsystem und Thermostat-Vorrichtung für ein Motorfahrzeug

Title (fr)

Système de refroidissement et dispositif de thermostat pour véhicule à moteur

Publication

**EP 2037097 A2 20090318 (EN)**

Application

**EP 08163515 A 20080902**

Previously filed application

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Priority

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Abstract (en)

The present invention relates to a cooling system for a motor vehicle comprising a cooling circuit (2) for cooling the vehicle's engine (100) by means of a cooling medium flowing in the cooling circuit, which cooling system comprises a radiator (20) for cooling the cooling medium, means (30) for circulating the cooling medium in the cooling circuit, a thermostat device (40) comprising a valve device (52) situated downstream of the engine, and at least one thermal element (54) which is connected to the valve device and adapted to detecting the temperature of the cooling medium in order on the basis thereof to direct the cooling medium through the radiator (20) and/or through a bypass line (8) past the radiator, the at least one thermal element (54) being situated upstream of the engine (100). The invention relates also to a thermostat device for a cooling system of a motor vehicle. The invention relates also to a motor vehicle.

IPC 8 full level

**F01P 7/16** (2006.01)

CPC (source: EP SE)

**F01P 7/165** (2013.01 - EP SE); **F01P 11/04** (2013.01 - SE); **F01P 2070/04** (2013.01 - EP)

Cited by

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