

Title (en)

Method and apparatus for controlling the rotation speed of a fan of the engine cooling circuit in a vehicle

Title (de)

Verfahren und Vorrichtung zur Steuerung der Drehgeschwindigkeit des Lüfters eines Motorkühlkreislaufer in einem Fahrzeug

Title (fr)

Procédé et appareil de contrôle de la vitesse de rotation d'un ventilateur du circuit de refroidissement de moteur dans un véhicule

Publication

EP 2322777 B1 20190515 (EN)

Application

EP 09425469 A 20091117

Priority

EP 09425469 A 20091117

Abstract (en)

[origin: EP2322777A1] Method for controlling the rotation speed of a fan of an engine cooling circuit in a vehicle, comprising the steps of: evaluating the contributions to the fan rotating speed deriving from the presence of the retarder and of the engine unit, according to the difference between a reference temperature value (2) of the fluid of the engine cooling system and a current measured temperature (3) of the fluid in the engine cooling system, and according to a percentage value (4) of the braking torque required by the retarder or according to a measured value (5) of current speed of the fan; obtainment of the fan rotation speed by adding up the contributions given by the retarder and the engine system.

IPC 8 full level

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CPC (source: EP)

F01P 7/046 (2013.01); **F01P 7/048** (2013.01); **F01P 2060/06** (2013.01)

Cited by

CN104895818A; WO2024003600A1

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