

Title (en)

Control method of a cooling circuit of an internal combustion engine, especially for motor vehicles

Title (de)

Verfahren zur Regelung eines Kühlkreislaufes eines Verbrennungskraftmotors, insbesondere für Kraftfahrzeuge

Title (fr)

Procédé de commande d'un circuit de refroidissement d'un moteur à combustion interne, notamment pour véhicules automobiles

Publication

EP 0731261 B1 19980603 (DE)

Application

EP 96100637 A 19960118

Priority

DE 19508102 A 19950308

Abstract (en)

[origin: EP0731261A1] The circulation pump (3) drives coolant through the engine (1) to a heat exchange module (2) in the stream of air drawn by a fan (4). The speeds of the pump and fan are adjusted by a set-point controller (5) connected to a temp. sensor (11) at the outlet from the engine. Other branches of the coolant circuit between the engine and pump pass through a pressure-balancing reservoir (7), a vehicular interior heater (8), and engine and transmission oil coolers (9,10), to be recombined at a temp.-dependent valve (6) operated by signals from the controller.

IPC 1-7

F01P 7/16; **F01P 7/04**

IPC 8 full level

F01P 7/04 (2006.01); **F01P 7/16** (2006.01); **F01P 3/20** (2006.01)

CPC (source: EP US)

F01P 7/048 (2013.01 - EP US); **F01P 7/164** (2013.01 - EP US); **F01P 3/20** (2013.01 - EP US); **F01P 7/167** (2013.01 - EP US); **F01P 2023/08** (2013.01 - EP US); **F01P 2025/30** (2013.01 - EP US); **F01P 2025/32** (2013.01 - EP US); **F01P 2025/62** (2013.01 - EP US); **F01P 2025/64** (2013.01 - EP US); **F01P 2025/66** (2013.01 - EP US); **F01P 2031/30** (2013.01 - EP US); **F01P 2037/02** (2013.01 - EP US); **F01P 2060/04** (2013.01 - EP US); **F01P 2060/045** (2013.01 - EP US); **F01P 2060/08** (2013.01 - EP US)

Cited by

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