

Title (en)

Cooling system with an electrically controlled actuator

Title (de)

Kühlanlage mit elektrisch regelbarem Stellglied

Title (fr)

Système de refroidissement avec un actuateur commandé électriquement

Publication

EP 0744538 A3 19970827 (DE)

Application

EP 96105511 A 19960406

Priority

DE 19519378 A 19950526

Abstract (en)

[origin: EP0744538A2] The cooling circuit has an electrically-controlled setting element (3) for determining the temp of the cooling medium circulated through the engine and a preceding electronic regulator (4). The setting element is pref. provided by a thermostat valve, the electronic regulator comparing the actual cooling medium temp with a required temp dependent on the momentary regulation parameters, to provide a setting signal for the setting element, e.g. a pulse width modulated setting signal.

IPC 1-7

F01P 7/16

IPC 8 full level

F01P 7/16 (2006.01); **F01P 7/14** (2006.01)

CPC (source: EP US)

F01P 7/167 (2013.01 - EP US); **F01P 2007/146** (2013.01 - EP US); **F01P 2023/00** (2013.01 - EP US); **F01P 2023/08** (2013.01 - EP US); **F01P 2025/08** (2013.01 - EP US)

Citation (search report)

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- [AD] DE 4324178 A1 19950126 - BAYERISCHE MOTOREN WERKE AG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 210 (P - 717) 16 June 1988 (1988-06-16)

Cited by

FR2896271A1; EP1126142A3; US6343572B1; WO2007083065A3; WO9901650A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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