

Title (en)

Cooling system with an electrically controlled actuator

Title (de)

Kühlanlage mit einem elektrisch regelbarem Stellglied

Title (fr)

Système de refroidissement avec un actuateur commandé électriquement

Publication

EP 0744539 B1 20030102 (DE)

Application

EP 96105513 A 19960406

Priority

DE 19519377 A 19950526

Abstract (en)

[origin: EP0744539A2] The cooling circuit has an electrically-controlled setting element (3), for determining the temp of the cooling medium, preceded by an electronic regulator (4), providing a pulse width modulated setting signal for the setting element in dependence on the actual cooling medium temp (Tist), for obtaining a required cooling medium temp (Tsoll). The regulation parameters of the electronic regulator are determined from a basic characteristic curve, in combination with at least one correction characteristic curve.

IPC 1-7

F01P 7/16; G05B 11/28; G05B 11/42

IPC 8 full level

F01P 7/16 (2006.01); **G05B 11/28** (2006.01); **G05B 11/42** (2006.01); **F01P 7/14** (2006.01)

CPC (source: EP US)

F01P 7/167 (2013.01 - EP US); **F01P 7/164** (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)

Cited by

EP0889211A3; DE19948160A1; DE19948160B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0744539 A2 19961127; **EP 0744539 A3 19970827**; **EP 0744539 B1 20030102**; DE 19519377 A1 19961128; DE 59610017 D1 20030206; US 5758607 A 19980602

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