

Title (en)
SYSTEM FOR CONTROLLING THE FLOW OF TEMPERATURE CONTROL FLUID

Title (de)
SYSTEM ZUR REGELUNG DES DURCHFLUSSES VON KÜHLMITTEL

Title (fr)
SYSTEME POUR REGULER L'ECOULEMENT D'UN FLUIDE DE CONTROLE DE TEMPERATURE

Publication
EP 0787249 B1 19980729 (EN)

Application
EP 95934428 A 19950912

Priority

- US 9511742 W 19950912
- US 30624094 A 19940914
- US 30627294 A 19940914
- US 30628194 A 19940914
- US 39071195 A 19950217
- US 44747195 A 19950523

Abstract (en)
[origin: WO9608640A1] A temperature control system in a liquid cooled internal combustion engine equipped with a radiator. The system comprises a flow control valve, first and second sensors and an engine computer. The flow control valve controls flow of a temperature control fluid through a passageway. The flow control valve has a first state for preventing or inhibiting the flow and a second state for allowing the flow. The first sensor detects the temperature of the temperature control fluid and the second sensor detects ambient air temperature. The engine computer receives signals from the first and second sensors and compares the signals to a set of predetermined values which define a curve. Preferably a portion of the curve has a non zero slope. The engine computer determines a desired state of the valve based on the comparison and produces control signals for actuating the valve into the desired state.

IPC 1-7
F01P 7/16

IPC 8 full level
F01P 7/16 (2006.01); **F01M 5/00** (2006.01); **F01P 7/14** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP)
F01P 7/167 (2013.01); **F01M 5/001** (2013.01); **F01M 5/002** (2013.01); **F01P 2007/146** (2013.01); **F01P 2023/08** (2013.01); **F01P 2025/04** (2013.01); **F01P 2025/08** (2013.01); **F01P 2025/13** (2013.01); **F01P 2025/40** (2013.01); **F01P 2025/50** (2013.01); **F01P 2025/62** (2013.01); **F01P 2031/20** (2013.01); **F01P 2031/22** (2013.01); **F01P 2037/02** (2013.01); **F01P 2060/00** (2013.01); **F01P 2060/04** (2013.01); **F01P 2060/045** (2013.01); **F01P 2060/08** (2013.01); **F01P 2060/10** (2013.01); **F01P 2060/12** (2013.01); **F01P 2070/08** (2013.01); **F02B 1/04** (2013.01)

Cited by
CN105804798A; CN105804799A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9608640 A1 19960321; AT E169087 T1 19980815; AU 3676795 A 19960329; CA 2199643 A1 19960321; CA 2199643 C 20061114; DE 69503795 D1 19980903; DE 69503795 T2 19990204; DK 0787249 T3 19990503; EP 0787249 A1 19970806; EP 0787249 B1 19980729; ES 2122682 T3 19981216

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US 9511742 W 19950912; AT 95934428 T 19950912; AU 3676795 A 19950912; CA 2199643 A 19950912; DE 69503795 T 19950912; DK 95934428 T 19950912; EP 95934428 A 19950912; ES 95934428 T 19950912