

Title (en)

Strategy to operate a split coolant circuit

Title (de)

Strategie zum Betreiben eines getrennten Kühlmittelkreislaufs

Title (fr)

Stratégie de fonctionnement d'un circuit d'agent réfrigérant séparé

Publication

EP 2562378 B1 20151014 (DE)

Application

EP 11178430 A 20110823

Priority

EP 11178430 A 20110823

Abstract (en)

[origin: EP2562378A1] The method involves arranging a thermostat and a proportional valve parallel to an outlet housing. Coolant passing through the valve is guided to an engine block water casing over a block water pipe and conducted to a heater over a heating pipe and conducted to the cooler over a cooler pipe. The coolant passing through the thermostat is conducted to a cooler over a connection pipe. The coolant is flown through the pipes by the thermostat and the valve independent of each other and based on operating types of an internal combustion engine.

IPC 8 full level

F01P 7/14 (2006.01); **F01P 7/16** (2006.01); **F01P 3/02** (2006.01)

CPC (source: EP)

F01P 7/14 (2013.01); **F01P 7/165** (2013.01); **F01P 2003/028** (2013.01); **F01P 2060/08** (2013.01)

Cited by

CN111396186A; DE102014201113B4; US2022364496A1; US11808200B2; EP3530900A1; CN110185532A; DE102014201113A1; US9140176B2

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