

Title (en)

Cooling system for a motor vehicle

Title (de)

Kühlsystem für ein Kraftfahrzeug

Title (fr)

Système de refroidissement pour un véhicule automobile

Publication

EP 1923549 B1 20121114 (DE)

Application

EP 07022194 A 20071115

Priority

DE 102006054223 A 20061115

Abstract (en)

[origin: EP1923549A2] The cooling system has a main pump (1) for the recirculation of a cooling agent of a vehicle engine (2) in one internal cooling agent cycle. A thermostat (3) is for the temperature dependent conveyance of the cooling agent by a principal arm, which has cooling agent condenser (8). A pump unit (10) is driven by the flowing cooling agent, which flows through a low-temperature condenser (7). A heat exchanger (16) is arranged downstream to the low temperature condenser. The pump unit is arranged in the principal arm. An independent claim is also included for a method for cooling charge air or exhaust gas of a motor vehicle.

IPC 8 full level

F01P 7/16 (2006.01); **F01P 3/12** (2006.01); **F01P 5/12** (2006.01)

CPC (source: EP)

F01P 3/12 (2013.01); **F01P 5/12** (2013.01); **F01P 7/165** (2013.01); **F01P 2060/02** (2013.01); **F01P 2060/16** (2013.01)

Cited by

DE102011085961A1; CN113199936A; EP3402964A4; CN104011343A; US2014326443A1; GB2570656A; GB2570656B; US10830121B2; US8985066B2; WO2013095262A1

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DE FR

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