

Title (en)
Coolant circuit

Title (de)
Kühlmittelkreislauf

Title (fr)
Circuit de refroidissement

Publication
EP 1900919 B1 20110302 (DE)

Application
EP 06120586 A 20060913

Priority
EP 06120586 A 20060913

Abstract (en)
[origin: EP1900919A1] The circuit has a cylinder head water jacket (18), an engine block water jacket (19), a pump (21), a single-acting thermostat (23) and a heater core (24), where the thermostat is located downstream of the cylinder head water jacket and upstream of the heater core and the engine block water jacket. A radiator (22) is arranged downstream of the engine block water jacket. A connecting line (26) is provided between the pump and the heater core. The thermostat is closed below a predetermined temperature and open above the predetermined temperature.

IPC 8 full level
F01P 3/02 (2006.01); **F01P 7/16** (2006.01)

CPC (source: EP US)
F01P 3/02 (2013.01 - EP US); **F01P 7/165** (2013.01 - EP US); **F01P 2003/021** (2013.01 - EP US); **F01P 2003/024** (2013.01 - EP US); **F01P 2003/028** (2013.01 - EP US); **F01P 2060/08** (2013.01 - EP US)

Citation (examination)
JP H08218873 A 19960827 - TOYOTA MOTOR CORP

Cited by
DE102018218871A1; DE102009054814B4; CN112065565A; CN102162391A; DE102010002082B4; CN101813020A; DE102009001129B4; DE102014004009A1; US8739745B2; EP2392794A1; US8833073B2; DE102010002082A1; US9212620B2; EP2562378A1; EP2562379A1; DE102009001129A1; DE102009054814A1

Designated contracting state (EPC)
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