

Title (en)  
Cooling circuit

Title (de)  
Kühlkreislauf

Title (fr)  
Circuit de refroidissement

Publication  
**EP 1083309 A3 20030102 (DE)**

Application  
**EP 00119100 A 20000904**

Priority  
DE 19942726 A 19990908

Abstract (en)  
[origin: EP1083309A2] The cooling circuit has a radiator connected to an engine via engine feed and outlet lines, a thermostat and a bypass valve in the outlet line and a circulating pump in the feed line. The bypass valve is integrated into the thermostat in the form of openings (20) in a working element (19) of the thermostat that is opened and closed depending on the coolant temp.

IPC 1-7  
**F01P 7/16**

IPC 8 full level  
**F01P 7/16** (2006.01); **F01P 3/20** (2006.01)

CPC (source: EP)  
**F01P 7/16** (2013.01); **F01P 3/20** (2013.01); **F01P 2060/045** (2013.01); **F01P 2060/06** (2013.01); **F01P 2060/08** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01 31 January 1997 (1997-01-31)

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