

Title (en)

Method for monitoring the cooling circuit of a motor vehicle

Title (de)

Überwachungsvorrichtung des Kühlkreislaufes eines Kraftfahrzeuges

Title (fr)

Dispositif de surveillance du circuit de refroidissement d'un véhicule automobile

Publication

EP 1544433 B1 20080326 (FR)

Application

EP 04106282 A 20041203

Priority

FR 0314710 A 20031216

Abstract (en)

[origin: EP1544433A1] The device has a memory in which abnormality conditions are stored, a pressure sensor (200), and a gas bubble detection sensor (300), where each condition has a specific combination of measurement results of pressure, temperature and rate of bubbles. A signal processing unit (400) compares the sensors' measurements with pre-recorded abnormality conditions to identify an appearance of a condition in a cooling system (50). An independent claim is also included for a process for monitoring a cooling system of a heat engine of a motor vehicle.

IPC 8 full level

F01P 11/14 (2006.01)

CPC (source: EP)

F01P 11/14 (2013.01); **F01P 2023/00** (2013.01); **F01P 2025/00** (2013.01); **F01P 2025/04** (2013.01); **F01P 2025/08** (2013.01); **F01P 2025/70** (2013.01); **F01P 2031/00** (2013.01); **F01P 2031/18** (2013.01); **F01P 2031/20** (2013.01)

Cited by

EA030230B1; DE102008029509A1; DE102008029509B4; US8875561B2; WO2007057312A1; WO2013039731A3

Designated contracting state (EPC)

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