

Title (en)

MODULE FOR THE COOLING CIRCUIT OF AN ENGINE IN AN AUTOMOBILE

Title (de)

MODUL FÜR DEN KÜHLKREISLAUF EINES MOTORS IN EINEM KRAFTFAHRZEUG

Title (fr)

MODULE POUR UN CIRCUIT DE REFROIDISSEMENT D'UN MOTEUR DE VEHICULE AUTOMOBILE

Publication

EP 2156029 A1 20100224 (FR)

Application

EP 08736481 A 20080423

Priority

- EP 2008054898 W 20080423
- FR 0703704 A 20070525

Abstract (en)

[origin: WO2008145461A1] The invention relates to a module for the cooling circuit of an engine in an automobile, that comprises at least one control valve (18) allowing a flow according to at least one so-called nominal mode. The module further includes a thermal safety device (30) for said circuit, the thermal safety device (30) being capable of authorising a flow according to another so-called short-circuit mode in case of failure of the nominal flow mode. The invention can be used for automobiles.

IPC 8 full level

F01P 7/16 (2006.01); **F01P 11/16** (2006.01)

CPC (source: EP KR US)

F01P 7/16 (2013.01 - KR); **F01P 7/165** (2013.01 - EP US); **F01P 11/16** (2013.01 - EP KR US); **F01P 2007/146** (2013.01 - EP US)

Citation (search report)

See references of WO 2008145461A1

Citation (examination)

- EP 0333687 A2 19890920 - S T C INC [US]
- US 2002047050 A1 20020425 - LEU PETER [DE], et al
- JP H10317967 A 19981202 - NIPPON THERMOSTAT KK
- EP 1697668 A1 20060906 - VALEO THERMIQUE MOTEUR SA [FR]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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