

Title (en)
THERMOSTAT HOUSING FOR A THERMOSTAT OF AN ENGINE COOLING ARRANGEMENT

Title (de)
THERMOSTATGEHÄUSE FÜR EINEN THERMOSTAT EINER MOTORKÜHLANORDNUNG

Title (fr)
BOÎTIER DE THERMOSTAT POUR UN THERMOSTAT D'UN AGENCEMENT DE REFROIDISSEMENT DE MOTEUR

Publication
EP 3039262 A4 20170426 (EN)

Application
EP 14841252 A 20140821

Priority
• IN 2811MU2013 A 20130828
• IN 2014000537 W 20140821

Abstract (en)
[origin: WO2015029058A2] A housing for a thermostat includes a body, a cavity, at least one director member and at least one retainer member. The body defines an enclosure that receives coolant fluid. The enclosure is in fluid communication with a pump that pumps the coolant fluid to a sink for dissipating heat extracted by the coolant fluid. The cavity configured on body receives and holds thermostat that determines temperature of coolant fluid. The director member is configured on at least one internal wall of the enclosure and defines flow path of the coolant fluid so as to direct coolant fluid to thermostat and facilitate sufficient contact between coolant fluid and thermostat and the retainer member configured on the body is disposed around thermostat to prevent the coolant fluid from bypassing of the thermostat, thereby retaining coolant fluid in contact with thermostat to ensure precise sensing of temperature by the thermostat.

IPC 8 full level
F01P 7/16 (2006.01); **G05D 23/02** (2006.01)

CPC (source: EP US)
F01P 7/16 (2013.01 - US); **G05D 23/022** (2013.01 - EP US)

Citation (search report)
• [X] DE 10011558 A1 20010927 - DANFOSS IWK REGLER GMBH [DE]
• [X] DE 3130475 A1 19830210 - HERPERS HUBERT
• [X] EP 0800130 A1 19971008 - VERNET SA [FR]
• See references of WO 2015029058A2

Designated contracting state (EPC)
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WO 2015029058 A2 20150305; WO 2015029058 A3 20150604; EP 3039262 A2 20160706; EP 3039262 A4 20170426;
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