

Title (en)  
CASE STRUCTURE OF THERMOSTAT

Title (de)  
GEHÄUSEAUFBAU EINES THERMOSTATS

Title (fr)  
STRUCTURE DE BOITIER DE THERMOSTAT

Publication  
**EP 1219879 A4 20091223 (EN)**

Application  
**EP 01947925 A 20010709**

Priority  
• JP 0105938 W 20010709  
• JP 2000223311 A 20000725

Abstract (en)  
[origin: EP1219879A1] The present invention provides a structure of a thermostat case which enables an efficient layout of a liquid flow path by burying the thermostat to a mount member such as an engine head or the like, and also enables to mount the thermostat easily and furthermore enables to place a liquid temperature sensor and a jiggle valve or the like by making the best use of the thermostat case. This structure of the thermostat case is composed of a cylindrical case formed with an entrance opening and an exit opening in a peripheral surface thereof, a flow path area defined within said cylindrical case (1) to bring said entrance opening (1a) and said exit opening (1b) into communication with each other, a valve element (2) moving back and forth across said flow path area in response to a temperature change of a liquid coolant which flows in said flow path area to provide blockage and communication thereof by opening and closing said entrance opening and said exit opening with its movement and a thermostat which is buried into the insertion hole of the member provided with a liquid coolant flow path, wherein a bore (1d) is formed in said case (1). <IMAGE>

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IPC 8 full level  
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CPC (source: EP)  
**F01P 7/16** (2013.01); **F01P 2070/00** (2013.01)

Citation (search report)  
• [XP] EP 1024257 A2 20000802 - NIPPON THERMOSTAT KK [JP], et al  
• See references of WO 0208648A1

Cited by  
US9285049B2; EP1602809A4

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