

Title (en)
TEMPERATURE SENSOR WITH ANTI-ROTATION STOP

Title (de)
TEMPERATURSENSOR MIT VERDREHSICHERUNG

Title (fr)
CAPTEUR DE TEMPERATURE AVEC BUTEE ANTI-ROTATION

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Application
EP 19809725 A 20191108

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Abstract (en)
[origin: WO2020094833A1] The present invention relates to a temperature sensor (1) for a motor vehicle, comprising: - a temperature-sensitive element, - two electric wires (3) connecting the temperature-sensitive element to an electrical connector, - an insulating sheath (5) surrounding the two electric wires (3), - a protective end piece comprising a closed end in which the temperature-sensitive element is housed, and - a fixing means (6) through which the insulating sheath (5) passes, said fixing means (6) comprising a threaded element (8) intended to be screwed into a threaded orifice (7) provided in an engine interface element (9) of the vehicle so as to fix the temperature sensor (1) to the engine interface element (9), and a stop (10) fixed to the insulating sheath (5), the stop (10) surrounding the insulating sheath (5) and being intended to provide sealing between the inside of the engine interface element (9) and the outside, the threaded element (8) being able to turn relative to the stop (10). According to the invention, the stop (10) comprises at least one lug (11) intended to be inserted into a slot (12) provided in the engine interface element (9) to block the rotation of the temperature sensor (1) with respect to the engine interface element (9).

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