

Title (en)

DEVICE AND METHOD FOR MEASURING CORE TEMPERATURE

Title (de)

EINRICHTUNG UND VERFAHREN ZUR MESSUNG DER KERNTemperatur

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MESURE DE LA TEMPÉRATURE CENTRALE

Publication

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Application

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Abstract (en)

[origin: WO2008078271A1] The present invention provides a device for determining a core temperature of a body, such as a human body. Thereto, the device comprises a structure having a first and second side, and respective first and second temperature sensors, as well as a modulator means for lowering a temperature of the second sensor by changing a heat flux between the first side and the second side at a position of said second temperature sensor. The modulator means can lower the temperature by controlling heat flux without adding heat, but by controlling thermal coupling, which makes it inherently safe, and often much less power consuming.

IPC 8 full level

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Citation (search report)

See references of WO 2008078271A1

Citation (examination)

- WO 2008068665 A1 20080612 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- WO 2008110947 A1 20080918 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

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