

Title (en)  
THERMOMETER WITH IMPROVED MEASUREMENT ACCURACY

Title (de)  
THERMOMETER MIT VERBESSERTER MESSGENAUIGKEIT

Title (fr)  
THERMOMÈTRE À PRÉCISION DE MESURE AMÉLIORÉE

Publication  
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Application  
**EP 22716880 A 20220318**

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Abstract (en)  
[origin: WO2023280448A1] The invention relates to a device (1) and a method for determining and/or monitoring at least the temperature (T) of a medium (M) in a container (2), the device comprising: - a first temperature sensor (6) for measuring the temperature (T); and - a heating/cooling element (8) for heating/cooling a specifiable region (B) of the device (1), in which region (B) in particular at least the first temperature sensor (6) is located. According to the invention, the first temperature sensor (6) and the heating/cooling element (8) are arranged such that, when the device (1) is arranged on/in the container, a distance (d1) of the first temperature sensor (6) from a center (Z) of the container (2) is less than a distance (d2) of the heating/cooling element (8) from the center (Z).

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