

Title (en)

MEASURING PROBE FOR DETERMINING OR MONITORING A PHYSICAL OR CHEMICAL PROCESS VARIABLE OF A MEDIUM

Title (de)

MESSSONDE ZUR BESTIMMUNG ODER ÜBERWACHUNG EINER PHYSIKALISCHEN ODER CHEMISCHEN PROZESSGRÖßE EINES MEDIUMS

Title (fr)

SONDE DE MESURE PERMETTANT DE DÉTERMINER OU DE SURVEILLER UNE GRANDEUR DE PROCESSUS PHYSIQUE OU CHIMIQUE D'UN MILIEU

Publication

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Application

**EP 19797699 A 20191031**

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Abstract (en)

[origin: WO2020104167A1] The invention relates to a measuring probe (1) for determining or monitoring a physical or chemical process variable of a medium (2), which is in a container (3), wherein: a tubular housing component (4) is provided for receiving at least one measuring element (5) sensitive to the process variable; a process adapter (6) is provided in an end region of the tubular housing component (4), which process adapter can be screwed into a process connection part (8) of the container (2) by means of a screw thread (7); a housing adapter (9) for fastening the measurement electronics housing (10) is provided in the opposite end region of the tubular housing component (4); in an intermediate region between the process adapter (6) and the housing adapter (9), the exterior wall of the tubular component (4) has a defined exterior contour (11), which is designed in such a way that a torque can be applied to the tubular component (4) via the defined exterior contour (11) in order to screw the process adapter (6) into or out of the process connection part (8) of the container (2); and parallel cooling fins (12), preferably arranged over the entire periphery, are formed in the exterior contour (11).

IPC 8 full level

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CPC (source: EP US)

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