

Title (en)
FLOW RATE MEASURING ARRANGEMENT AND FLOW-RELATED ARRANGEMENT

Title (de)
DURCHFLUSSMESSANORDNUNG UND STRÖMUNGSTECHNISCHE ANORDNUNG

Title (fr)
ENSEMBLE DE MESURE DE DÉBIT ET ENSEMBLE TECHNIQUE À ÉCOULEMENT

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Abstract (en)
[origin: WO2020165162A1] The invention relates to a flow rate measuring arrangement (400) comprising a measuring channel (100) having a measuring channel diameter (D0). A flow divider (300) and an anemometric grid sensor (500) are arranged in the measuring channel (100). The anemometric grid sensor (500) has a plurality of sensor elements (510) having temperature-dependent electrical resistance which are laterally spaced apart from one another. The flow divider (300) has a plurality of part-channels (310). A channel length (L1) of the part-channels (310) can be less than or equal to the measuring channel diameter (D0). A distance (L2) between the anemometric grid sensor (500) and the flow divider (300) can be less than or equal to the measuring channel diameter (D0).

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