

Title (en)

DEVICE FOR MEASURING AT LEAST ONE PARAMETER OF A FLOWING MEDIUM

Title (de)

VORRICHTUNG ZUR MESSUNG VON ZUMINDEST EINEM PARAMETER EINES STRÖMENDEN MEDIUMS

Title (fr)

DISPOSITIF POUR MESURER AU MOINS UN PARAMETRE D'UN FLUIDE EN ECOULEMENT

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Application

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Abstract (en)

[origin: WO0163218A2] The invention relates to a device for measuring at least one parameter, especially the volume flow, of a medium flowing in a conduit, especially the intake air volume flow of an internal combustion engine, with at least one measuring element being situated in the flow. It is known from the prior art that constrictions that extend radially in the conduit cause acoustic disturbances that can be perceived as a whistling noise. The inventive constrictions (35, 40, 79) do not evenly reduce the cross-section of the conduit (14) and therefore do not cause swirling turbulences that are acoustically perceived as a whistling noise.

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