

Title (en)

DEVICE FOR MEASURING AT LEAST ONE PARAMETER OF A MEDIUM THAT FLOWS IN A CONDUIT

Title (de)

VORRICHTUNG ZUR MESSUNG VON ZUMINDEST EINEM PARAMETER EINES IN EINER LEITUNG STRÖMENDEN MEDIUMS

Title (fr)

DISPOSITIF POUR LA MESURE D'AU MOINS UN PARAMETRE D'UN MILIEU EN ECOULEMENT DANS UNE CONDUITE

Publication

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Application

**EP 00965813 A 20000905**

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Abstract (en)

[origin: WO0118498A1] The invention relates to a device (1) for measuring at least one parameter of a medium that flows in a conduit (3). The device is especially used for measuring the mass of a flowing medium, the intake air mass of an internal combustion engine for instance. Liquid and solid particles that are contained in the conduit (3) influence a characteristic behaviour of a measuring element (34) which serves for determining a parameter of the flowing medium. An inventive protective grid (38) rejects liquids and solid particles from the measuring element by guiding said liquids and particles to an inner wall (8) of the conduit (3). The device (1) also stabilises the flowing medium by producing longitudinal whirls in a direction of flow.

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IPC 8 full level

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