

Title (en)
THROTTLE VALVE HOUSING

Title (de)
DROSSELKLAPPENSTUTZEN

Title (fr)
TUBULURE A PAPILLON

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Abstract (en)
[origin: WO03006806A1] The invention relates to a throttle valve housing (10) comprising a housing (12) having a continuous throttle hole (16) that can be cross flown by a gaseous medium (66) in a main flow direction (64), wherein a throttle valve (22) pivotally fixed to a throttle valve shaft (18) is arranged in the throttle hole (16), wherein said throttle valve shaft (18) can be pivoted by an actuating drive (26) and wherein the throttle hole (16) is connected to an inlet line (60) on the inlet side and to an outlet line (62) on the outlet side. The invention aims at ensuring particularly reliable detection of the mass of gaseous medium (66) coming in through the throttle hole (16), using particularly simple means. This is achieved in that a first temperature sensor (50) for temperature T of the gaseous medium is arranged upstream of the throttle valve (22) and in that a second pressure sensor (52) for pressure P of the gaseous medium (66) is arranged downstream of the throttle valve (22).

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