

Title (en)  
ELECTRONIC GAS TURBINE FLOWMETER

Title (de)  
ELEKTRONISCHER TURBINENRADGASZÄHLER

Title (fr)  
DEBITMETRE ELECTRONIQUE A TURBINE A GAZ

Publication  
**EP 1639322 A2 20060329 (DE)**

Application  
**EP 04729479 A 20040426**

Priority  
• IB 2004002007 W 20040426  
• DE 10318944 A 20030426

Abstract (en)  
[origin: DE10318944A1] Electronic turbine gas meter has a turbine wheel (4) whose blades are arranged in the flow channel of a gas stream that is to be measured. The turbine wheel is mounted on a fixed hollow axle within a largely enclosed boss with preferably two roller bearings (12) for its mounting. The axle is mounted concentrically in a hollow channel one end of which has an outlet into the boss, the other end of which is connected to a flow inlet, that can be loaded via a supply line (15) from outside the gas meter. The supply line can be used for the delivery of compressed gas or oil. An independent claim is made for an electronic turbine gas meter that has an additional cleaning channel for the delivery of a cleaning fluid to the turbine blades.

IPC 1-7  
**G01F 1/00**

IPC 8 full level  
**G01F 1/10** (2006.01); **G01F 1/115** (2006.01); **G01F 15/00** (2006.01); **G01F 15/12** (2006.01); **G01F 25/00** (2006.01)

CPC (source: EP)  
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Citation (search report)  
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