Title (en)

DEVICE FOR MEASURING THE VOLUMETRIC FLOW OF A FLOWING MEDIUM

Title (de)

EINRICHTUNG ZUM MESSEN DES VOLUMENSTROMS EINES STRÖMENDEN MEDIUMS

Title (fr)

DISPOSITIF PERMETTANT DE MESURER LE DEBIT VOLUMETRIQUE D'UN MILIEU FLUIDE

Publication

EP 1027581 A1 20000816 (DE)

Application

EP 98962208 A 19981104

Priority

- DE 9803212 W 19981104
- DE 19749524 A 19971108

Abstract (en)

[origin: DE19749524A1] The invention relates to a device for measuring the volumetric flow of air, comprising two temperature-dependent resistances which are fed by power sources and whose resistance values are used to measure mass and temperature. A read-out signal proportional to the volume of air is created by multiplying both signals and linearizing the result.

IPC 1-7

G01F 1/684; G01F 1/696

IPC 8 full level

G01F 1/684 (2006.01); **G01F 1/696** (2006.01); **G01F 15/02** (2006.01); **G01F 15/04** (2006.01)

CPC (source: EP)

G01F 1/684 (2013.01); **G01F 1/696** (2013.01); **G01F 15/028** (2013.01); **G01F 15/046** (2013.01)

Citation (search report)

See references of WO 9924791A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 19749524 A1 19990602; **DE 19749524 C2 19991021**; EP 1027581 A1 20000816; WO 9924791 A1 19990520

DOCDB simple family (application)

DE 19749524 A 19971108; DE 9803212 W 19981104; EP 98962208 A 19981104