

Title (en)
AIR MASS METER

Title (de)
LUFTMASSENMESSER

Title (fr)
DISPOSITIF DE MESURE DU DÉBIT MASSIQUE DE L'AIR

Publication
EP 2558826 A1 20130220 (DE)

Application
EP 11713804 A 20110412

Priority
• DE 102010015522 A 20100416
• EP 2011055669 W 20110412

Abstract (en)
[origin: DE102010015522A1] The sensor (1) has a sensor chip (2) formed as a microelectromechanical system and provided with a sensor element (4), an electronic evaluation circuit (5) and an electronic oscillator (3). The sensor chip is separated into two regions (9, 10) and is fastened on a support element (7) by an adhesive (6) in one of the regions. The sensor element and the electronic oscillator are arranged in another region (9). The support element is formed as a punched sheet-metal, and the sensor element is formed as a membrane. A temperature sensor and a heat element are formed on the membrane.

IPC 8 full level
G01F 1/696 (2006.01)

CPC (source: EP KR US)
G01F 1/684 (2013.01 - KR US); **G01F 1/6845** (2013.01 - EP KR US); **G01F 1/692** (2013.01 - EP KR US); **G01F 1/696** (2013.01 - EP KR US); **G01F 5/00** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2011128315A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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