

Title (en)  
DEVICE FOR MEASURING THE MASS OF A FLOWING MEDIUM

Title (de)  
MESSVORRICHTUNG ZUR MESSUNG DER MASSE EINES STRÖMENDEN MEDIUMS

Title (fr)  
DISPOSITIF POUR MESURER LA MASSE D'UN AGENT COULANT

Publication  
**EP 0941456 A1 19990915 (DE)**

Application  
**EP 98951183 A 19980821**

Priority  
• DE 9802441 W 19980821  
• DE 19743409 A 19971001

Abstract (en)  
[origin: DE19743409A1] The system has a plate-type sensor element (2) inserted in a recess (17) of a sensor carrier (1) and a diaphragm (4) to carry a measuring element (6), which closes a cavity (5) in the sensor element on the side facing the sensor carrier. The sensor element is glued in the recess between a base surface (29) facing the sensor carrier and the sensor carrier. The adhesive has an adhesive seam (27), which extends between the base surface of the sensor element and the sensor carrier around the cavity, and is opened only on the side facing away from the flow direction, using at least one opening, to ventilate the cavity.

IPC 1-7  
**G01F 1/684**

IPC 8 full level  
**G01F 1/68** (2006.01); **F02D 35/00** (2006.01); **G01F 1/684** (2006.01); **G01F 1/69** (2006.01)

CPC (source: EP KR US)  
**G01F 1/684** (2013.01 - KR); **G01F 1/6845** (2013.01 - EP US); **G01F 1/69** (2013.01 - EP US); **G01F 1/82** (2013.01 - KR)

Citation (search report)  
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