

Title (en)  
GAS ACCUMULATOR

Title (de)  
GASSPEICHER

Title (fr)  
RÉSERVOIR DE GAZ

Publication  
**EP 2217844 B1 20110413 (DE)**

Application  
**EP 08847085 A 20081105**

Priority  
• AT 2008000397 W 20081105  
• AT 18132007 A 20071109

Abstract (en)  
[origin: WO2009059343A1] Disclosed is a gas accumulator comprising an outer and an inner diaphragm (1, 2). The inner diaphragm (2) partly surrounds a variable gas accumulator chamber (20). A diaphragm opening (40) for a device for measuring the fill level (41) of the gas accumulator chamber is provided within the outer diaphragm (1). Said device encompasses a level sensor (42) that is attached to a sensor holder (59) which is connected to the edge of the diaphragm opening (40) by means of a connecting element (56'). The connecting element (56') is formed by a tube (46), an end opening of which is connected to the edge of the diaphragm opening (40). The sensor holder (59) comprising the level sensor (42) is mounted on the other end opening of the tube (46) such that the tube (46) is fastened over the diaphragm opening (40) and the level sensor (42) is thus placed at a distance from the diaphragm opening (40) by using the supporting pressure prevailing between the inner diaphragm (2) and the outer diaphragm (1).

IPC 8 full level  
**F17B 1/00** (2006.01); **F17C 3/00** (2006.01)

CPC (source: EP)  
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