

Title (en)  
PUMP FOR GASES TO BE MEASURED

Title (de)  
MESSGASPUMPE

Title (fr)  
POMPE A GAZ DE MESURE

Publication  
**EP 1274940 B1 20070620 (DE)**

Application  
**EP 01911693 A 20010223**

Priority  
• DE 10019725 A 20000420  
• EP 0102065 W 20010223

Abstract (en)  
[origin: WO0181763A1] A pump (1) for gases to be measured has a pump housing (2) in which a pump chamber (3) is located. Said pump chamber is sealed off by a working membrane (5), said membrane (5) being connected to a crank gear (9) by a connecting rod (8) or similar lifting mechanism. A heating device is provided in the upper area of the pump housing, especially in the pump head (10). Heat insulation covering at least the pump head is provided essentially in the form of an insulation housing (13) whose inner wall (15) is set apart from the pump head (10) in order to form a gas insulation layer (14).

IPC 8 full level  
**F04B 39/06** (2006.01); **G01N 1/24** (2006.01); **F04B 39/12** (2006.01); **F04B 45/04** (2006.01)

CPC (source: EP US)  
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