

Title (en)  
SMALL-SIZE MANOSTAT EASY TO PUT INTO OPERATION AND TO ASSEMBLE

Publication  
**EP 0082064 A3 19830720 (FR)**

Application  
**EP 82402231 A 19821207**

Priority  
FR 8123380 A 19811215

Abstract (en)  
[origin: EP0082064A2] 1. A manostat comprising a case having, on the one hand, a rear securing surface (5) opposite and parallel to a front surface (13) borne by a closing lid, and having, on the other hand, a median plane (PP') parallel to two walls which are separated by a small width with respect to the height and which contains : an axis of movement (XX') of a movable control member (10) belonging to a pressure detection device (9), an axis of rotation (YY') of a setting member (15, 15') which operates a pressure balancing spring (14) which is located in the median plane (PP') and connected to the control member (10), an axis (ZZ') of movement of the pusher (18) of a switch (19) operated by a motion transmitting lever (17) which moves in said median plane (PP'), an axis (VV') of a pressure orifice (25) coaxial to the axis of movement (XX') and the axis (SS') of an electric connection aperture (27), these axes being mutually parallel and parallel to the securing surface (5), this orifice (25) and this aperture (27) being located on the same connection surface (24) perpendicular to the median plane (PP') and to the securing surface (5), characterized in that the securing surface (5) is perpendicular to the median plane (PP'), whereas the front surface (13) has a display member (22) moving parallel to the axis of movement (XX') and in that the balancing spring (14), together with a coaxial setting member (15) accessible on said front surface, are located in a region (12) opposite the connection surface (24), the axis of rotation (YY') of said setting member being perpendicular to said securing surface (5).

IPC 1-7  
**H01H 35/00**; **H01H 37/00**

IPC 8 full level  
**H01H 35/24** (2006.01); **H01H 35/26** (2006.01)

CPC (source: EP)  
**H01H 35/24** (2013.01); **H01H 35/2614** (2013.01)

Citation (search report)  
• [Y] FR 2380590 A1 19780908 - RANCO INC [US]  
• [Y] FR 1224907 A 19600628 - TELEMECANIQUE ELECTRIQUE  
• [A] US 2803718 A 19570820 - BLOOM JOHN C, et al  
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• [A] US 2779838 A 19570129 - REIS ARTHUR W  
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DE GB

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**EP 0082064 A2 19830622**; **EP 0082064 A3 19830720**; **EP 0082064 B1 19851121**; DE 3267626 D1 19860102; DK 162548 B 19911111;  
DK 162548 C 19920511; DK 555382 A 19830616; FR 2518310 A1 19830617; FR 2518310 B1 19850222; IT 1155390 B 19870128;  
IT 8224773 A0 19821215; IT 8224773 A1 19840615

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