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(71) Applicant (for all designated States except US): **TOUR & ANDERSSON AB** [SE/SE]; S-52480 Ljung (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **JILDEROS, Daniel** [SE/SE]; Jutegatan 14, S-50734 Bråmhult (SE).

(74) Agent: **GOTAPATENT AB**; Box 3127, S-55003 Jönköping (SE).

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(54) Title: VALVE ASSEMBLY FOR A DIFFERENTIAL PRESSURE SENSOR WITH AUTOMATIC ZERO POINT CALIBRATION AND FLUSHING

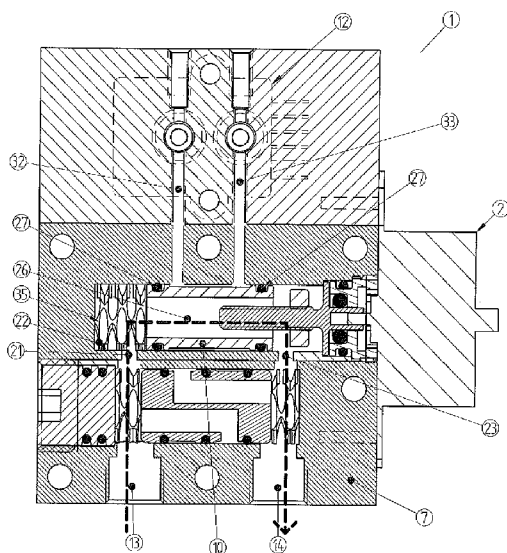


Fig.3

(57) Abstract: A valve assembly (1) included in a system for measuring differential pressures in a fluid system and where the valve assembly (1) includes a valve body (7) with an inlet (13) and an outlet (14) for connection to the fluid system, ducts (32, 33) for communication with a differential pressure sensor (12) for registration the differential pressure, a cavity (22) including a calibration cone (10) which is moveable in the cavity (22) between a measuring position and a position for zero point calibration/flushing through the valve assembly (1), where the calibration cone (10) separates the differential pressure sensor (12) from the fluid system in those cases when the measuring position of the device does not exist, i.e. in its initial position, and at the same time the valve assembly (1) is in this position automatic flushed through, to be rid of any in the valve assembly (1) enclosed air.