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(54) Title: LIQUID PRESSURE REDUCING VALVE

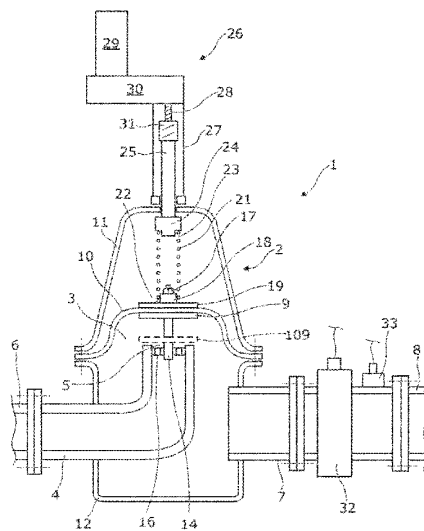


FIGURE 2

(57) Abstract: A spring loaded pressure reducing valve (1) has an inlet connected to a pressurized water main (6). An outlet (7) from the chamber connects to a network (8) of pipes for local distribution of water. A compression spring (21) acts at its lower end (22) on the top of a diaphragm (19). The upper end (23) of the spring abuts a spring drive member (24) at the end of a drive tube (25) of a servo device (26). The spring drive member can be advanced by a motor to further compress the spring or retracted to relieve compression. Downstream from the outlet (7), the pipework 8 of the local distribution network extends. In it adjacent the outlet is a flow meter (32) and a pressure sensor (33). These are electronically connected to a controller (34). The pressure at the regulator is set based on the measured flow.