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(54) Title: A VALVE ARRANGEMENT

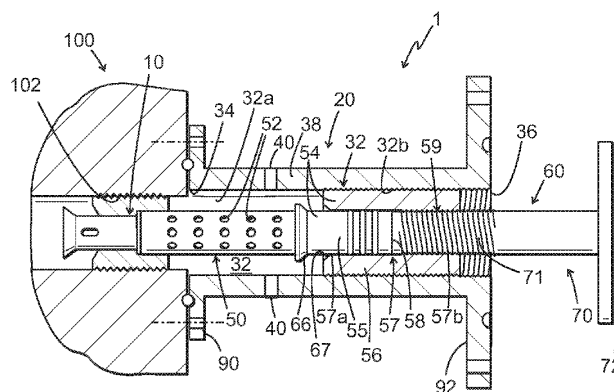


FIG. 1

(57) Abstract: A valve arrangement (1) for a wellhead of a hydrocarbon well, the valve arrangement comprising a valve (10) for mounting in a port of a wellhead, and an actuator device (20) for actuating the valve to move to an open position. The actuator device comprises a housing (30) having a through channel (32) extending between a first end (34), at which the valve is mounted, and a second end (36). The housing comprises at least one first port (40) that leads into the through channel. The actuator device further comprises an actuator rod (50) that is movably arranged in the through channel (32) and configured to open the valve by the actuator rod being movable between at least a first position and a second position, and a control device (60) arranged to control the movement of the actuator rod (50). The through channel (32) comprises a first part (32a) and a second part (32b). A piston-cylinder arrangement (54) is arranged in the second part of the through channel in a sealing manner. The first part (32a) is delimited by the valve (10) at one end

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and by the piston- cylinder arrangement (54) at the other end. The at least one first port (40) is a bleed off port and/or connectable to an external injection fluid source and it leads into the first part (32a) of the through channel.