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(54) Title: VALVE MONITORING

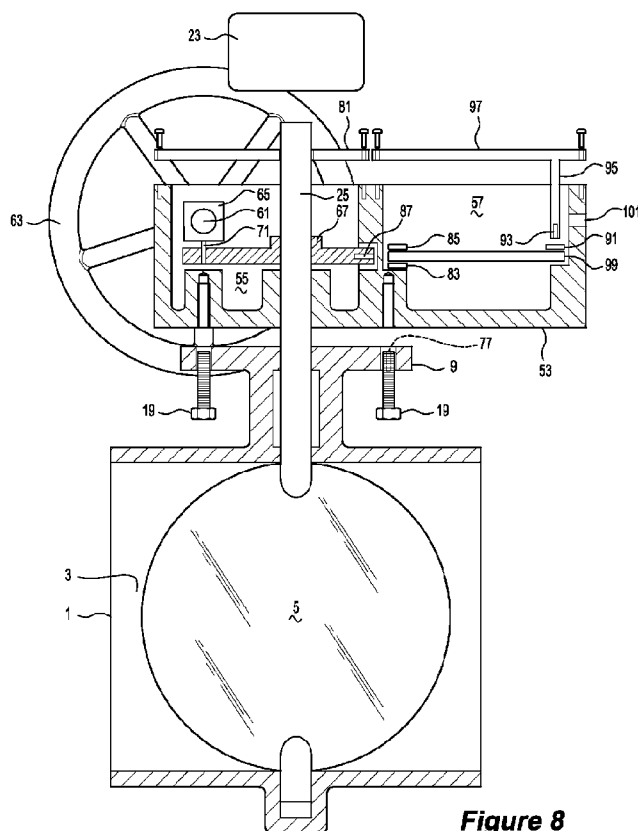


Figure 8

(57) Abstract: A valve gear box has a valve monitoring function. The valve gear box is for mounting to a valve that has a fluid passageway and a gate therefor, the gear box providing a gear driven link for moving the gate between open and closed conditions of the fluid passageway, the valve gear box being in a housing that has a mounting for permitting operative connection to the valve via a mounting flange of the valve. The mounting and the mounting flange have a valve monitoring sensor operatively positioned there-with, the sensor being settable in one state when the mounting and the mounting flange are in assembled relationship to each other but being configured to change from the one state if there is a separation of the fastened connection of the mounting and the mounting flange, whereby a change in state from the one state can be used to monitor a separation of the assembled relationship of the mounting and the mounting flange and trigger an alarm condition.



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