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Hale

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[54] METHOD OF MONITORING THE CONDITION OF A MOTOR OPERATED VALVE SYSTEM

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[57] ABSTRACT

[21] Appl. No.: 540,577

A method of evaluating degradations throughout a MOV (i.e. motor operated valve) by establishing specific interrelationships between a power related parameter from the MOV motor (being, for an AC motor, preferably the motor load; and being, for a DC motor, preferably motor torque or motor torque factor) and actuator torque; then utilizing the established interrelationships to further establish a given percent change in the power related parameter as a warning point; and, then, trending the power related parameter during valve-in-use operation of the valve system to evaluate the condition of the valve system.

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[58] Field of Search 73/862.19, 862.27, 862.28, 73/862.31, 862.49, 168; 324/158 MG

[56] References Cited

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17 Claims, 9 Drawing Sheets

