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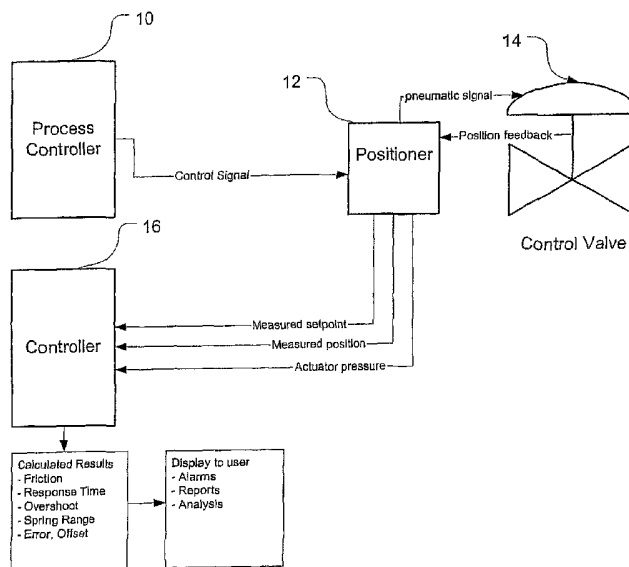
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(54) Title: METHOD, SYSTEM AND STORAGE MEDIUM FOR PERFORMING ONLINE VALVE DIAGNOSTICS



(57) Abstract: Methods and systems for performing online valve diagnostics. Valve characteristics such as step response, friction and spring range are determined while the valve is operating in a process without intervention by a controller deriving the valve diagnostics. Valve information is obtained while the valve operates in response to a control signal controlling a process while the valve operates through a series of gradual movements. Valve characteristics are then determined from the valve information.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01L 27/00 US CL : 700/275,282 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 700/275,282 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,272,401 B1 (Boger et al) 07 August 2001 (07.08.2001), Full Document.	1-4, 7-13
A	US 5,847,952 A (Samad et al) 08 December 1998 (08.12.1998), Full Document.	1-13
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