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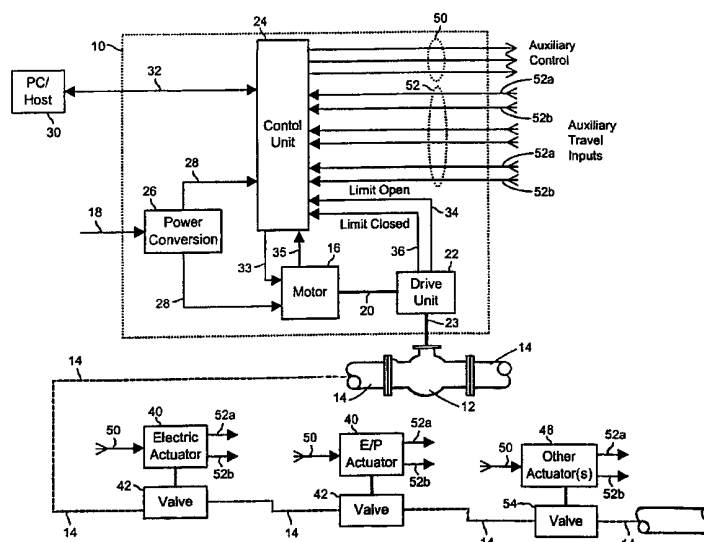
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **ELECTRIC ACTUATOR FOR FLUID CONTROL VALVES**



(57) Abstract: An electro-mechanical actuator (10) for operating a fluid control valve (12) and controlling the operation of one or more field instruments, including other valve actuators. An electro-mechanical actuator has a drive unit (22) and an electric motor (16) driving the drive unit to open and close a fluid control valve to the fully opened and fully closed states under the control of monitoring limit open and limit closed sensors. Auxiliary control output lines (50) connected to other field instruments from the electro-mechanical actuator drive associated fluid control valves to fully open and fully closed states. Limit open sensors and limit closed sensors monitor the valve open and closed state of the other respective field instruments and through a respective pair of auxiliary travel input lines (52) to the electro-mechanical control the field instrument.

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INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G05B19/042

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)

IPC 7 G05B

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 428 470 A (LABRIOLA II DONALD P) 27 June 1995 (1995-06-27)	1
Y	the whole document	2,4
A	---	3,5-7
Y	WO 87 04275 A (AUDITEL SYSTEMS PTY LTD) 16 July 1987 (1987-07-16)	2,4
A	the whole document	1,3,5-7
A	---	
A	US 4 819 149 A (SANIK ET AL) 4 April 1989 (1989-04-04)	1-7
	the whole document	
A	---	
A	US 5 287 888 A (GEIGER JAMES E) 22 February 1994 (1994-02-22)	1-7
	the whole document	

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- * & * document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 769 385 A (CROUZET AUTOMATISMES) 9 April 1999 (1999-04-09) the whole document -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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