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(54) **A fluid pressure proving system**

(57) A fluid pressure proving system for examining the integrity of, for example, a gas supply system including pipework leading to a number of gas outlets such as might be found in a school laboratory, the system comprising a shut-off valve (14) with actuating means (22) therefor connected to a control unit (20), a pair of pressure transducers (15, 16) connected respectively to the inlet and outlet sides of the flow control valve (14) and adapted to produce signals representative of the pressures the inlet and outlet sides, the control unit (20) including a micro-processor to determine the pressure differential and to cause closure of the flow control valve (14), or to prevent its opening, in the event of a leak in the gas outlets (12). The system also includes a timer (42) whereby the gas supply system is shut down automatically after a predetermined period of non-use.

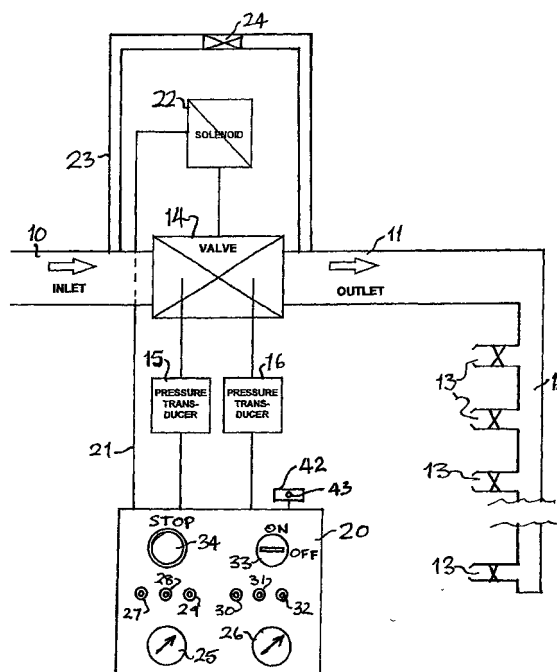


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 1649

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E	WO 01 21989 A (LEE WON BAE) 29 March 2001 (2001-03-29) * page 8, line 19 - page 11, line 11; figures 1-9 *	1,10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F17D G01L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 June 2003	Examiner Christensen, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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